



AMATEUR TRANSCEIVER MODEL: HR-2600

SERVICE INFORMATION MANUAL

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AMATEUR TRANSCEIVER

MODEL : HR-2600

TABLE OF CONTENTS

| | |
|---|----|
| 1. SPECIFICATIONS | 1 |
| 2. ALIGNMENT PROCEDURES & POINTS..... | 5 |
| 3. SEMICONDUCTOR LEAD IDENTIFICATION..... | 13 |
| 4. PARTS PRICE LIST..... | 19 |
| 5. IC VOLTAGE CHART..... | 45 |
| 6. FREQUENCY CHART..... | 48 |
| 7. EXPLODED VIEW & MECHANICAL PARTS LIST..... | 49 |
| 8. TECHNICAL DRAWINGS..... | 53 |


BLOCK DIAGRAM

| | |
|-------------------|------------|
| SCHEMATIC DIAGRAM | (E12-3100) |
| | (E12-3101) |

P.C. BOARD VIEW

| | |
|-----------------|------------|
| MAIN PCB TOP | (E22-8313) |
| MICOM PCB TOP | (E23-8314) |
| PCB BOTTOM | (E23-8315) |
| MAIN PCB BOTTOM | (E24-8316) |
| NB PCB | (E24-8317) |
| FM PCB | (E24-8318) |
| LCD PCB TOP | (E24-8319) |
| BOTTOM | (E24-8320) |
| SV/R PCB | (E24-8321) |
| SW PCB | (E24-8322) |
| RIT PCB | (E24-8323) |
| PARTS ASS'Y TOP | (E24-8324) |
| WIRING DIAGRAM | (E32-3078) |
| | (E32-3079) |

Note: Circuit design and specifications are subject to change without notice.



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1. SPECIFICATIONS

GENERAL

- | | |
|--------------------------------|--|
| 1. Channel and Frequency Range | : A Band 28.0000 ~ 28.4999 MHz B Band 28.5000 ~ 28.9999 MHz C Band 29.0000 ~ 29.4999 MHz D Band 29.5000 ~ 29.6999 MHz |
| 2. Crystal | : 4 |
| 3. Microphone | : 500 Ω , Dynamic Type with Channel up down |
| 4. Speaker | : 8 Ω , 5 W Max |
| 5. Antenna Connector | : M Type |
| 6. Jacks & Connectors | : MIC 5P, DC Power 2P, 9 PIN ACC CONNECTOR |
| 7. Controls | : Mode Selector CW-LSB-USB-AM-FM, MIC Gain, TX, DIM, SCAN, SPAN, Meter Select, RPT, Band, F-Lock, up/down, RIT, NB, Frequency Knob, ON/OFF Power Switch & Volume, Auto SQ & Squelch, RF Gain, RIT, SWR/CAL Tone Frequency select SW(Internal SW) |
| 8. Illumination | : RPT. Indication LCD Band. Indication LCD Frequency Indication LCD S/RF, MOD, SWR Indication LCD |
| 9. LCD Meter | : RF Power Indication, Signal Strength, Modulation, CAL, SWR |
| 10. Size | : 186 mm (W) \times 263 mm (D) \times 62 mm (H) |
| 11. Weight | : 1.9 kg |
| 12. Accessories | : DC Power Cable with Fuse Microphone & Mic Hanger Mounting Bracket with Screws Short Plug 9 pin Accessory Plug |
| 13. Display Box Size | : 376 (W) \times 230 (D) \times 110 (H) |
| 14. Display Box Weight | : 2.75 kg (include Unit and ACC.) |
| 15. Quantity / Shipping Carton | : 6 pcs. |
| 16. Size / Shipping Carton | : 730 (W) \times 416 (D) \times 270 (H) |
| 17. Weight / Shipping carton | : 18 kg (Per 6 pcs.) |
| 18. Case Mark | : UCA Standard Style |

MEASUREMENT CONDITIONS

- | | |
|----------------------------|---------------|
| 1. Power Source | : 13.8 V (DC) |
| 2. Antenna Impedance | : 50 Ω |
| 3. Test Temperature | : 25°C |
| 4. AM Modulation Frequency | : 1 kHz |

| | | |
|---------------------------------------|---|----------------------|
| 5. FM Modulation Frequency | : | 1 kHz |
| 6. SSB Modulation Frequency, Two Tone | : | 500 Hz & 2400 Hz |
| 7. Mean Signal Input Level | : | 1000 uV |
| 8. Reference AM Modulation Percentage | : | 1 kHz, 30% |
| 9. Reference FM Deviation | : | 1.5 kHz |
| 10. Reference Audio Output Power | : | 0.5 W |
| 11. Audio Frequency | : | 1 kHz |
| 12. Audio Output Load | : | 8 Ω Resistive |
| 13. Measuring frequency | : | 29.000MHz |

TRANSMITTER SECTION

| ITEMS | | UNIT | NOMINAL | LIMIT |
|--|---------------------------------------|------------------|-----------|-------------|
| 1. Frequency Tolerance at 25°C (5 minutes after Switch on) | AM | Hz | ± 300 | ± 1500 |
| | SSB | Hz | ± 300 | ± 1500 |
| | FM | Hz | ± 300 | ± 1500 |
| | CW | Hz | ± 300 | ± 1500 |
| 2. Carrier Power | AM | W | 10.0 | 8.0 ~ 14.0 |
| | FM | W | 10.0 | 8.0 ~ 14.0 |
| | CW | W | 24.0 | 18.0 ~ 28.0 |
| 3. PEP Power, Two Tone, SSB | | W _{pep} | 21.0 | 18.0 ~ 26.0 |
| 4. Spurious Harmonic Emission | AM | dB | -50 | -40 |
| | SSB | dB | -50 | -40 |
| | FM | dB | -50 | -40 |
| | CW | dB | -50 | -40 |
| 5. Carrier Suppression | SSB | dB | -55 | -40 |
| 6. Unwanted Sideband Suppression (at 2500 Hz 4 W _{pep} 16 dB up Single tone) | SSB | dB | -45 | -35 |
| 7. Battery Drain at No Modulation | AM | mA | 3000 | 4500 |
| | SSB | mA | 800 | 1500 |
| | FM | mA | 3000 | 4500 |
| | CW | mA | 5000 | 6500 |
| 8. Battery Drain | AM : MAX Modulation | mA | 3000 | 4500 |
| | SSB : MAX W _{pep} , Two Tone | mA | 3000 | 4500 |
| | FM : MAX Modulation | mA | 3000 | 4500 |
| | CW : TX Mode, No Key Down | mA | 800 | 1200 |

| ITEMS | | UNIT | NOMINAL | LIMIT |
|---|---------------------------|------|---------|------------|
| 9. Modulation Frequency Response (1 kHz, 0 dB Reference) | | | | |
| Lower at 450 Hz | AM | dB | -4 | -10 |
| | SSB | dB | -4 | -12 |
| | FM | dB | -4 | -10 |
| Upper at 2.5 kHz | AM | dB | -4 | -10 |
| | SSB | dB | -4 | -10 |
| | FM | dB | -4 | -10 |
| 10. Microphone Sensitivity | AM : For 50% Modulation | mV | 1.5 | 2.5 |
| | SSB : For 10 Wpep Output | mV | 1.5 | 2.5 |
| | FM : For 1 kHz Deviation | mV | 1.5 | 3.0 |
| 11. AMC Range | AM : 50 ~ 100% Modulation | dB | 40 | 30 |
| | SSB : 16 ~ 26 Wpep | dB | 50 | 40 |
| 12. MIC Gain (ATTENUATE) | | dB | -10 | -6 |
| 13. Tone deviation (29.52MHz) | FM(RPT) | KHz | 0.6 | 0.5 to 0.8 |

RECEIVER SECTION (NB Switch OFF)

| | | | | |
|--|----------------|----|------|-------------|
| 1. Max. Sensitivity | AM | μV | 0.5 | 2.0 |
| | CW/SSB | μV | 0.25 | 1.0 |
| 2. Sensitivity for 10 dB S/N | AM | μV | 0.5 | 2.0 |
| | CW/SSB | μV | 0.25 | 1.0 |
| | FM : 20 dB S/N | μV | 0.5 | 3.0 |
| 3. AGC Figure of Merit, 50 mV for 10 dB Change in Audio Output | | | | |
| | AM | dB | 80 | 70 |
| | CW/SSB | dB | 80 | 70 |
| 4. Overall Audio Fidelity at 6 dB down | | | | |
| Upper Frequency | AM | Hz | 2000 | 1500 ~ 4000 |
| | SSB | Hz | 3000 | 2000 ~ 4500 |
| | FM | Hz | 1500 | 1000 ~ 3000 |
| Lower Frequency | AM | Hz | 300 | 200 ~ 600 |
| | SSB | Hz | 300 | 200 ~ 600 |
| | FM | Hz | 300 | 200 ~ 500 |
| 5. Adjacent Channel Selectivity | | | | |
| (10 kHz, 1 GEN) | AM | dB | 70 | 60 |
| 6. Maximum Audio Output Power | AM | W | 4.0 | 2.5 |
| | CW/SSB | W | 4.0 | 2.5 |
| | FM | W | 4.0 | 2.5 |
| 7. Audio Output Power at 10 % THD | AM | W | 2.5 | 2.0 |
| | CW/SSB | W | 2.5 | 2.0 |
| | FM | W | 2.5 | 2.0 |

| ITEMS | | UNIT | NOMINAL | LIMIT |
|---|--------|---------|-----------|------------------------|
| 8. RF Gain | AM | dB | 55 | 30 ~ 70 |
| | CW/SSB | dB | 55 | 30 ~ 70 |
| | FM | dB | 55 | 30 ~ 70 |
| 9. S/N Ratio at 1 mV Input | AM | dB | 30 | 25 |
| | FM | dB | 35 | 25 |
| 10. Squelch Sensitivity at Threshold | AM | μ V | 0.5 | 2.0 |
| | CW/SSB | μ V | 0.5 | 2.0 |
| | FM | μ V | 0.5 | 2.0 |
| 11. Squelch Sensitivity at Tight | AM | μ V | 1000 | 250 ~ 4000 |
| | CW/SSB | μ V | 1000 | 250 ~ 4000 |
| | FM | μ V | 1000 | 250 ~ 4000 |
| 12. S Meter Sensitivity at "S-9" (No Modulation) | AM | μ V | 100 | 25 ~ 400 |
| | CW/SSB | μ V | 100 | 25 ~ 400 |
| | FM | μ V | 100 | 25 ~ 400 |
| 13. Image Rejection Ratio | AM | dB | 65 | 50 |
| | CW/SSB | dB | 65 | 50 |
| | FM | dB | 65 | 50 |
| 14. i-f Rejection Ratio | AM | dB | 65 | 50 |
| | CW/SSB | dB | 65 | 50 |
| | FM | dB | 65 | 50 |
| 15. Oscillator Dropout Voltage | AM | V | 9 | 11 |
| | CW/SSB | V | 9 | 11 |
| | FM | V | 9 | 11 |
| 16. Battery Drain at No Signal | AM | mA | 500 | 800 |
| | CW/SSB | mA | 500 | 800 |
| | FM | mA | 500 | 800 |
| 17. Battery Drain at Max. Audio Output | AM | mA | 1000 | 1500 |
| | CW/SSB | mA | 1000 | 1500 |
| | FM | mA | 1000 | 1500 |
| 18. Clarifier Range | AM | kHz | ± 3.0 | $\pm 2.2 \sim \pm 4.0$ |
| | CW/SSB | kHz | ± 3.0 | $\pm 2.2 \sim \pm 4.0$ |
| | FM | kHz | ± 3.0 | $\pm 2.2 \sim \pm 4.0$ |
| 19. NB + ANL Performance | AM | dB | 2 | 3.5 |
| | SSB | dB | 2 | 3.5 |
| 20. NB + ANL Loss | CW | dB | 2 | 3.5 |
| | AM | dB | 3 | 5 |

NOTE :

- (1) Shall have reverse polarity protection and operable with negative ground only.
- (2) Operating Power Voltage : 13.8 V + 15 - 20% DC
- (3) Standard Operating Temperature : $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
- (4) Storage Temperature : $-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$

2. ALIGNMENT PROCEDURES & POINTS

ALIGNMENT OF P. L. L. AND CARRIER OSCILLATOR PORTION

1. Test Equipment Required

DC Power Supply (13.8V)
DC Voltmeter
Dummy Load (50 ohm)

Oscilloscope
Frequency Counter

2. Preparation for alignment

RIT SW : OFF
RIT : Middle Position

MODE SW : AM
TX : OFF

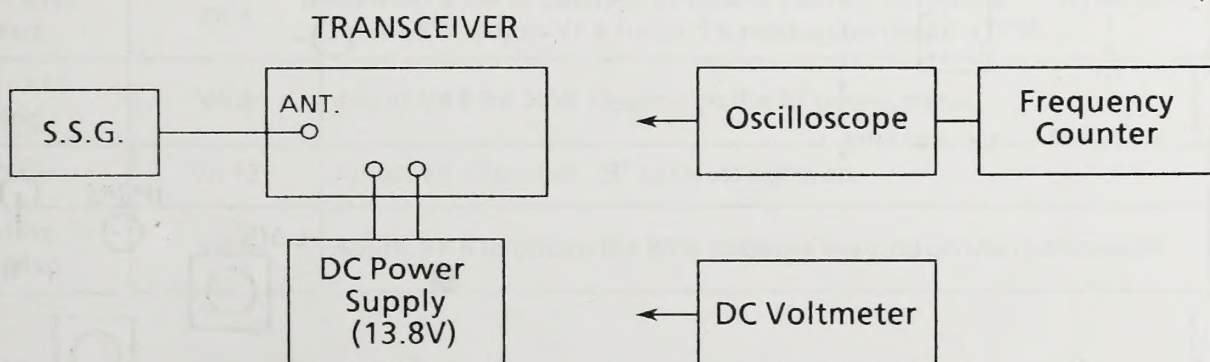
Remove the PCB (B 751,PB-100) from the Main PCB.

3. Alignment Procedure

| Step | Preset to | Adjustment | Remarks |
|------|------------------------------|------------|--|
| 1 | Mode: RX,AM SG : 28MHz | L315 | Connect an oscilloscope to TP306. Adjust L315 for 6.200MHz reading on the oscilloscope. |
| 2 | Ditto | L318 | Connect the oscilloscope to TP304. Adjust L318 for 38.695MHz \pm 20 Hz reading on the oscilloscope. |
| 3 | Mode: RX,AM SG:29.6999MHz | L317 | Connect a DC voltmeter to TP303. Adjust L317 for 5.5 \pm 0.1V reading on the DC Voltmeter. |
| 4 | Mode: RX,CW SG : 28MHz | L8 | Connect the oscilloscope to TP2. Adjust L8 for 10.6950MHz \pm 20 Hz reading on the oscilloscope. |
| 5 | Mode: RX,LSB | L9 | Adjust L9 for 10.6925 MHz reading on the oscilloscope. |
| 6 | Mode:RX,USB | L10 | Adjust L10 for 10.6975 MHz \pm 20 Hz reading on the oscilloscope. |
| 7 | Mode:RX,LSB | VR11 | Connect the oscilloscope to TP1. Adjust VR11 for 38.6925MHz \pm 20Hz reading on the oscilloscope. |

After the alignment, lock with wax the area of L 302, L 315, L 317 and L 318.

TEST EQUIPMENT CONNECTION



Alignment for PLL and Carrier Oscillator Portion

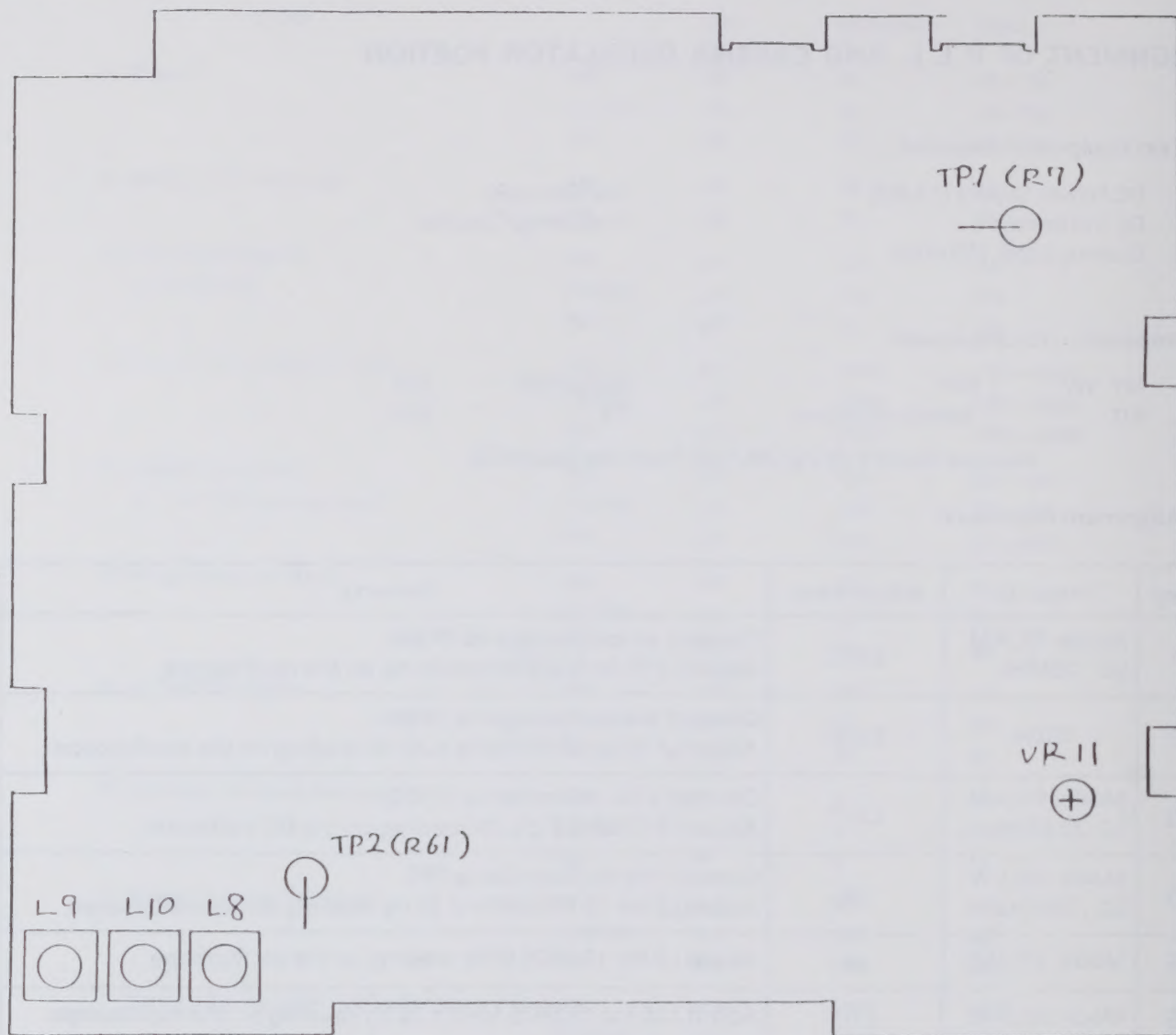
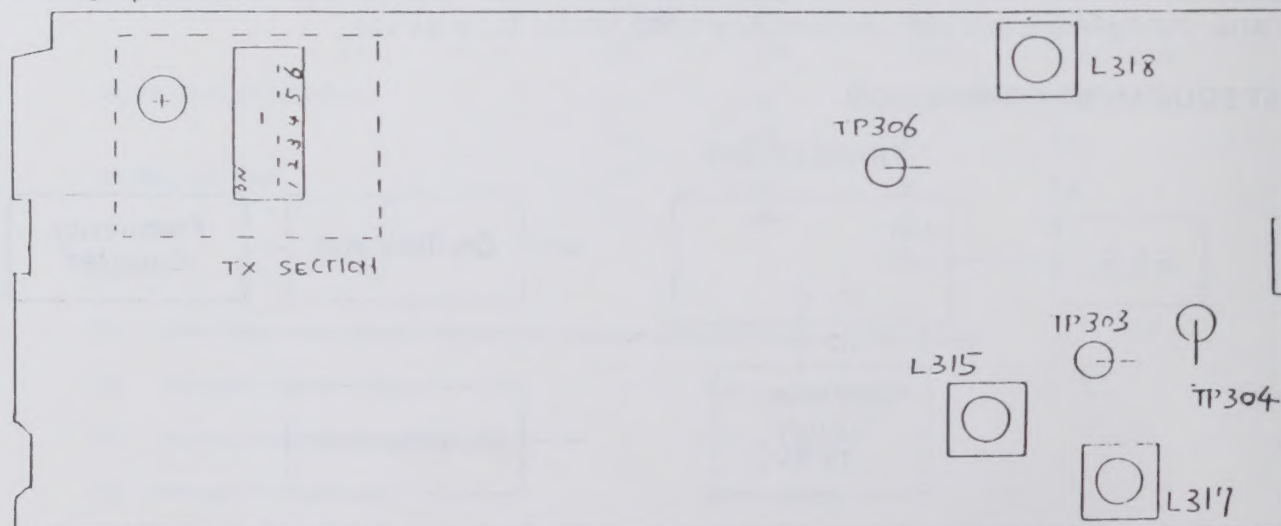


Fig. 7



ALIGNMENT OF TRANSMITTER PORTION

1. Test Equipment Required

| | |
|--|---------------------|
| DC Power Supply (13.8V) more than 10A | |
| AF S.S.G. AM FM (1kHz, 500Hz and 2400Hz) | |
| RF VTVM | Oscilloscope |
| DC AM METER | RF Power Meter |
| AF VTVM | Dummy Load (50 ohm) |
| FM Linear Detector | |

2. Preparation for Alignment

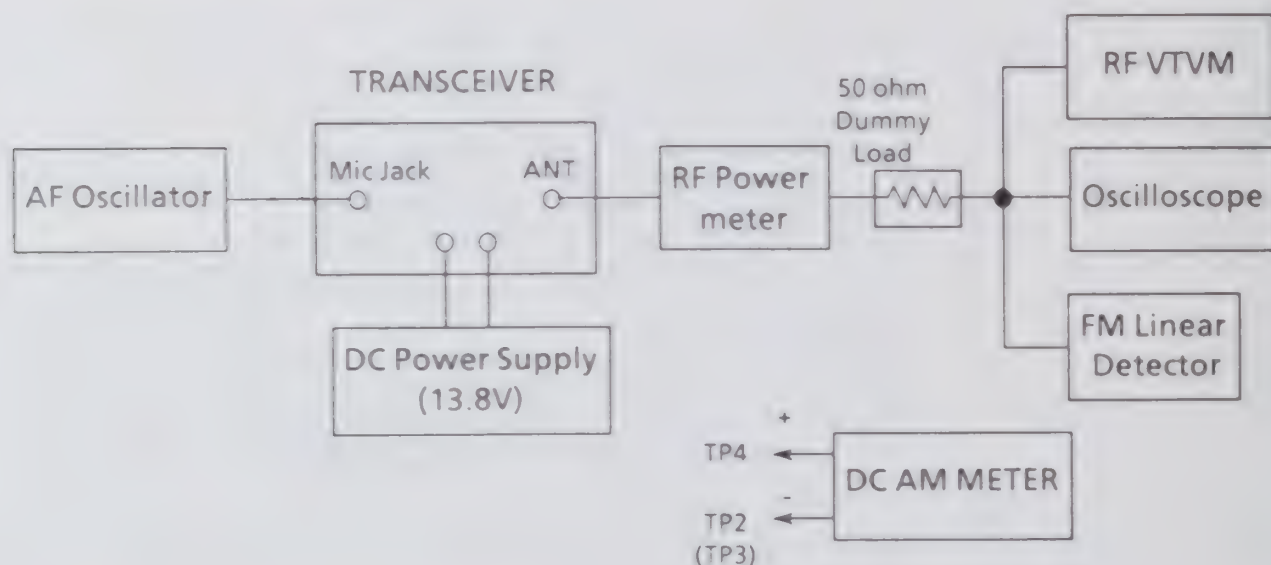
| | | | | | |
|---------|---|-----------------|-------------|---|-----|
| VR13 | : | Clockwise | RIT SW | : | OFF |
| VR14 | : | Clockwise | METER SW | : | RF |
| VR4 | : | Clockwise | Mic Gain SW | : | OFF |
| SWR/CAL | : | Middle Position | TX SW | : | OFF |
| FREQ. | : | 29.000 MHz | | | |

3. Alignment Procedure

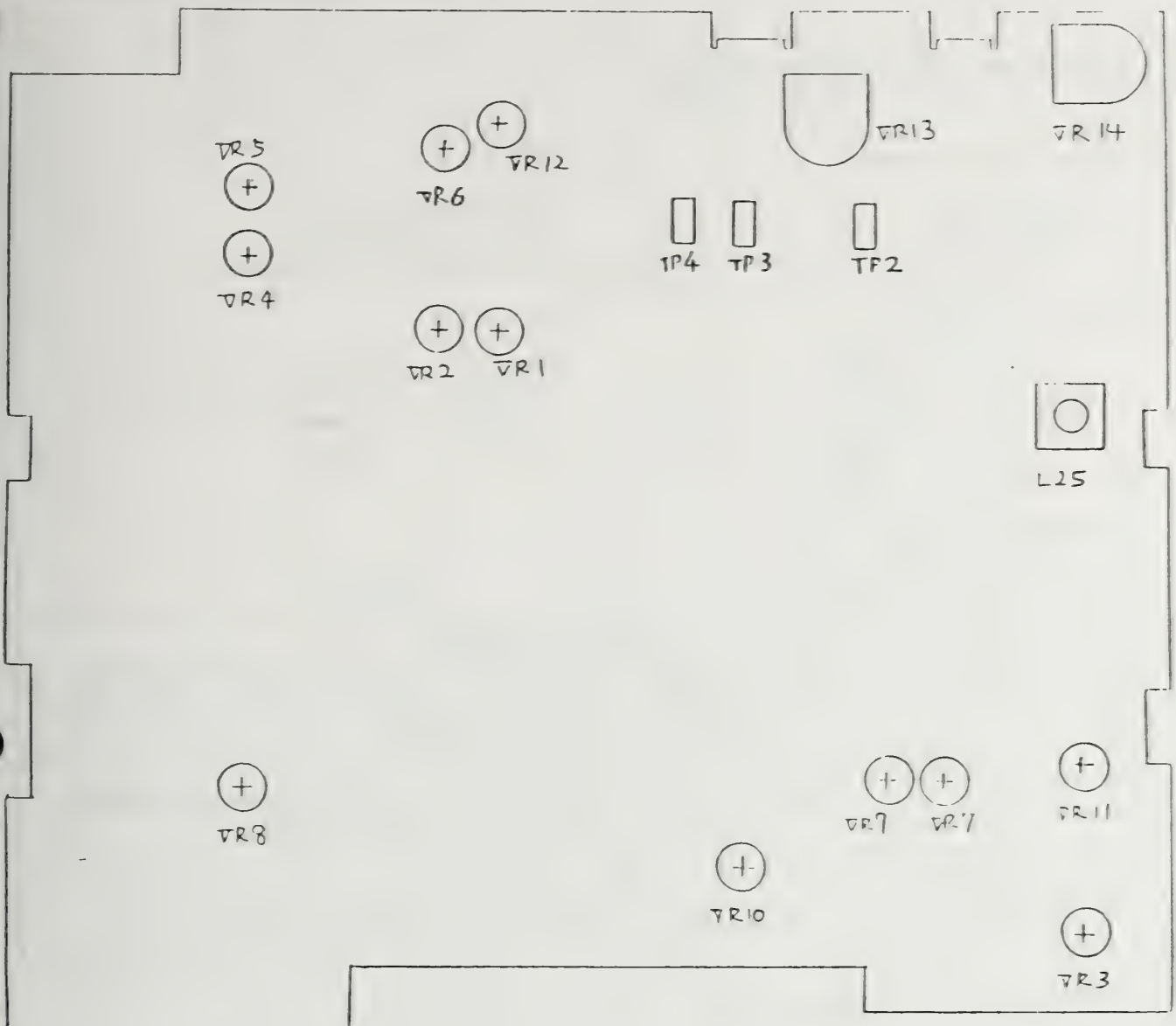
| Step | Preset to | Adjustment | Remarks |
|------|-----------------------|------------|--|
| 1 | Mode : USB No.mod. | VR13 | Remove the B751(PB-100) from Main PCB. Connect a DC AM Meter(+) to TP4, (-) to TP3. Adjust VR13 for 50 mA reading on the DC AM Meter. |
| 2 | Ditto | VR14 | Connect the DC AM Meter(+) to TP4, (-) to TP2. Adjust VR14 for 50 mA reading on the DC AM Meter. |
| 3 | 1mV mod. | L 25 | Disconnect the DC AM Meter. Reinstall the B751 to the Main PCB. Connect a RF Power meter to the ANT.jack. Connect a RF VTVM, an oscilloscope and an FM Linear Detector across an RF Dummy load to the RF Power meter. Adjust L 25 for maximum reading on the RF VTVM. During this step, set the AF oscillator so that the output is less than 20V. |
| 4 | 30mV mod. | VR 5 | Adjust VR 5 for 32.5V reading on the RF VTVM. |
| 5 | USB / LSB No mod. | VR 7 | Adjust VR 7 so that the carrier leakage at USB and LSB become minimum and almost equal. |
| 6 | Mode : CW Non Mod. | VR 4 | Connect a SW to between Pin 8 and 9 of ACC connector. When turn on the SW, adjust VR 4 for 34.5 V reading on the RF VTVM. |
| 7 | Mode : AM Non Mod. | VR 8 | Adjust VR 8 for 10W reading on the RF power meter. |
| 8 | Ditto | VR 12 | Adjust VR 12 so that "9" LCD just lights on. |
| 9 | AM 1kHz, 30mV Mod. | VR 6 | Adjust VR 6 to obtain the 80% negative reading on the oscilloscope. |

| Step | Preset to | Adjustment | Remarks |
|------|-------------------------------------|------------|---|
| 10 | AM 1kHz, 1mV Mod, METER : MOD | VR 9 | Adjust VR 9 so that "9" LCD just lights on. |
| 11 | FM 1kHz, 30mV Mod. | VR 3 | Adjust VR 3 for ± 4 kHz deviation reading on the FM Linear Detector. |
| 12 | FM No Mod. RPT SW : ON | VR 303 | Adjust VR 303 for ± 0.6 kHz deviation reading on the FM Linear Detector. |
| 13 | Mode CW No Mod Vol : Max | VR 10 | Connect an AF VTVM across a dummy load (8ohm) to between Pin 1 and Pin 2 of ACC connector. When turn on the SW, adjust VR 10 for 4 V reading on the AF VTVM. |

TEST EQUIPMENT CONNECTION

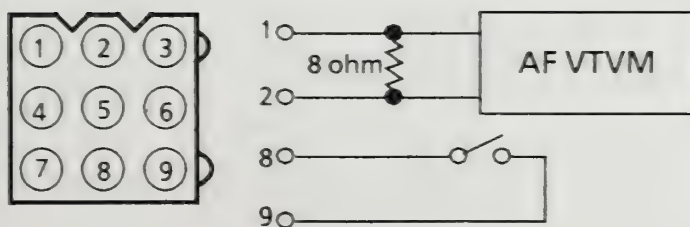


Alignment for Transmitter Portion

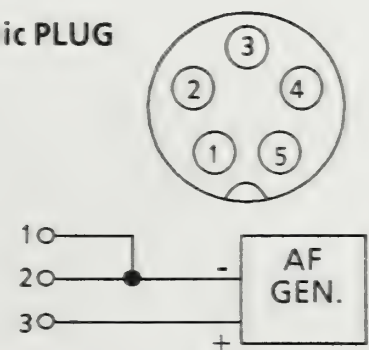


CONNECTION FOR Tx ALIGNMENT

ACC PLUG



Mic PLUG



ALIGNMENT OF RECEIVER PORTION

1. Test Equipment Required

| | |
|--|-------------------------|
| AF VTVM | DC Power Supply (13.8V) |
| Oscilloscope | Dummy Load (8 ohm) |
| S.S.G.(29.000MHz , 1kHz, 30% Mod. 1 kHz 1.5 kHz Dev. and 50-ohm Impedance) | |

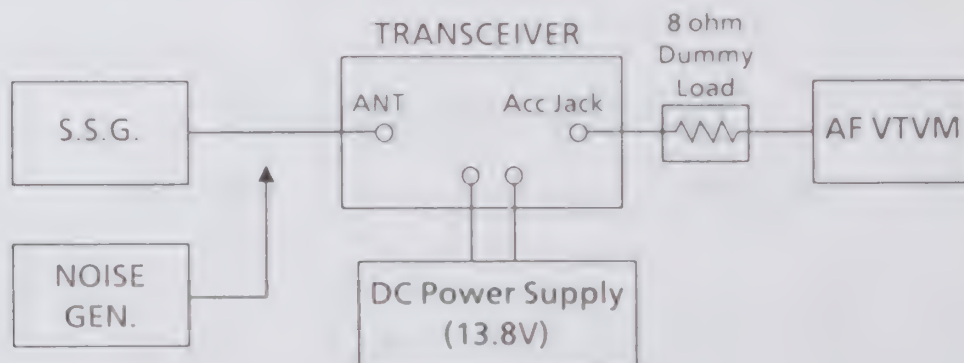
2. Alignment Procedure

| | | | |
|--------|-------------------|---------|----------------------|
| NB SW | : OFF | Mode | : AM |
| RIT SW | : OFF | Squelch | : Min. (Auto SQ OFF) |
| RPT SW | : OFF | RF Gain | : MAX |
| VOLUME | : MAX | TX | : OFF |
| RIT | : Middle position | | |

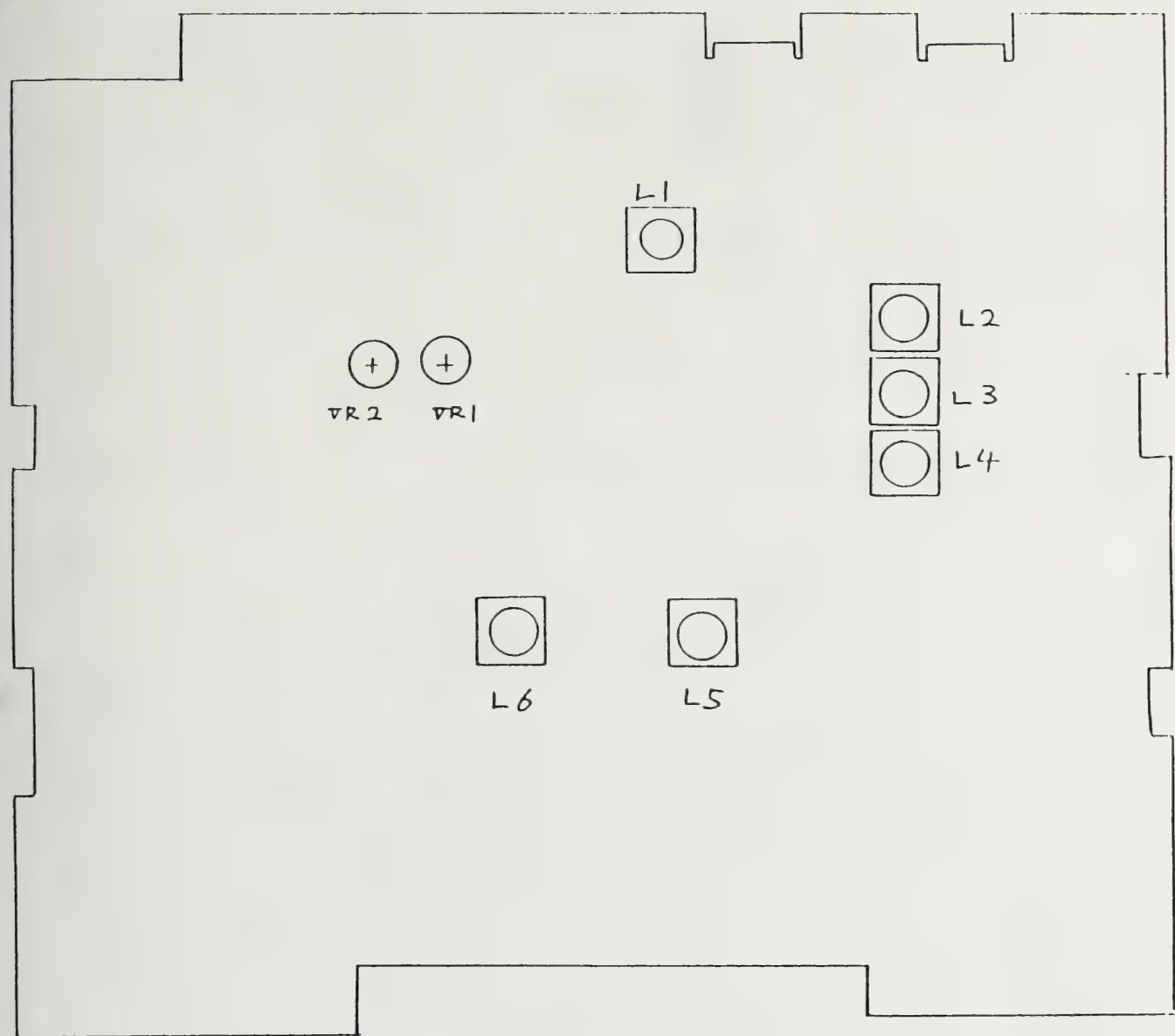
3. Alignment Procedure

| Step | Preset to | Adjustment | Remarks |
|------|------------------------------|------------|---|
| 1 | RX 29MHz 1 kHz,30% mod | L 1~6 | Alignment of sensitivity Adjust coils for maximum reading on the AF VTVM.(During this step, set the S.S.G.attenuator so that the standard output is less than 0.5W (2V / 8ohm). |
| 2 | Ditto | VR 2 | Alignment of Squelch Set the output of S.S.G. to 66 dB dB and squelch to maximum. Adjust VR 2 so that the squelch just breaks. |
| 3 | No Mod. METER : RF | VR 1 | Alignment of S- Meter Set the output of S.S.G. to 46 dB, no modulation. Adjust VR 1 so that "9" LCD just lights on. |

TEST EQUIPMENT CONNECTION

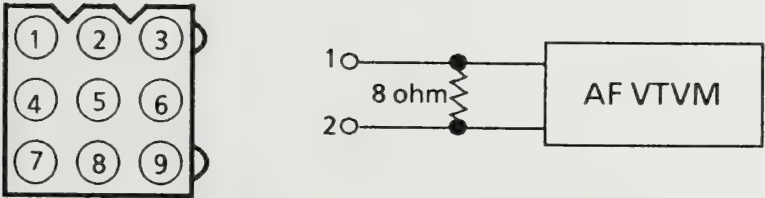


Alignment for Receiver Portion



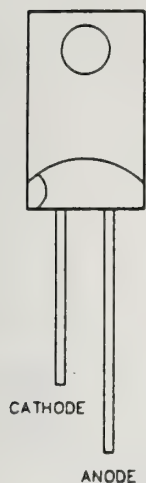
CONNECTION FOR Rx ALIGNMENT

ACC PLUG

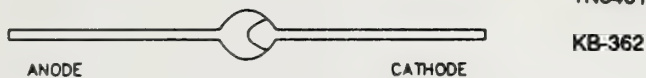
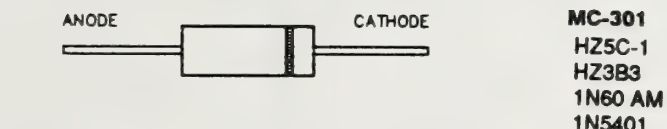
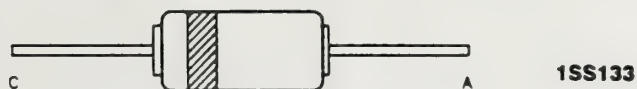
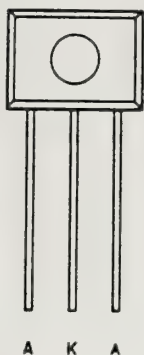


3. SEMICONDUCTOR LEAD IDENTIFICATION

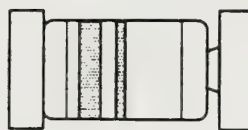
MV-1YH-S



KV1330



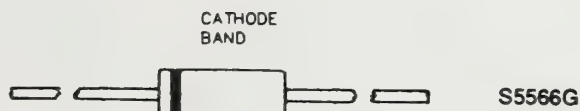
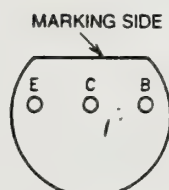
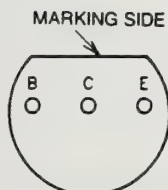
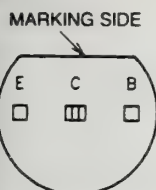
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2SA733A-PB**



RLS4148 TE11

2SC3242A-E

2SC2086-D



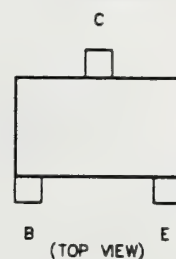
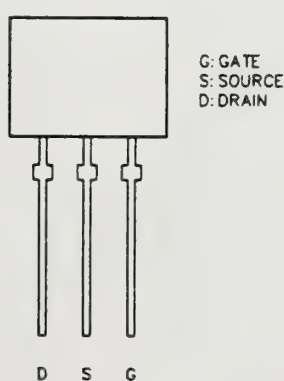
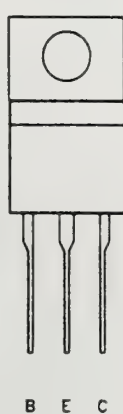
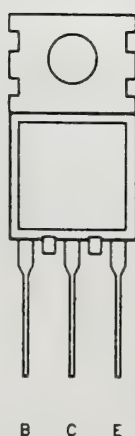
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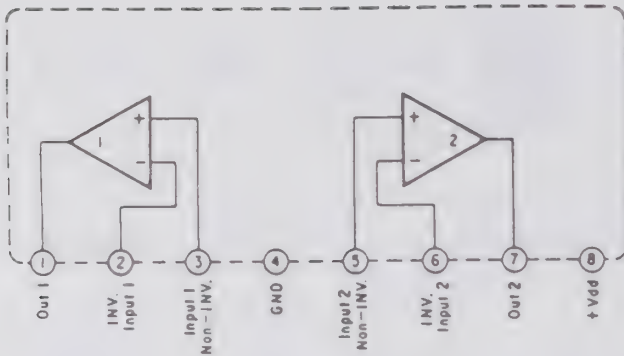
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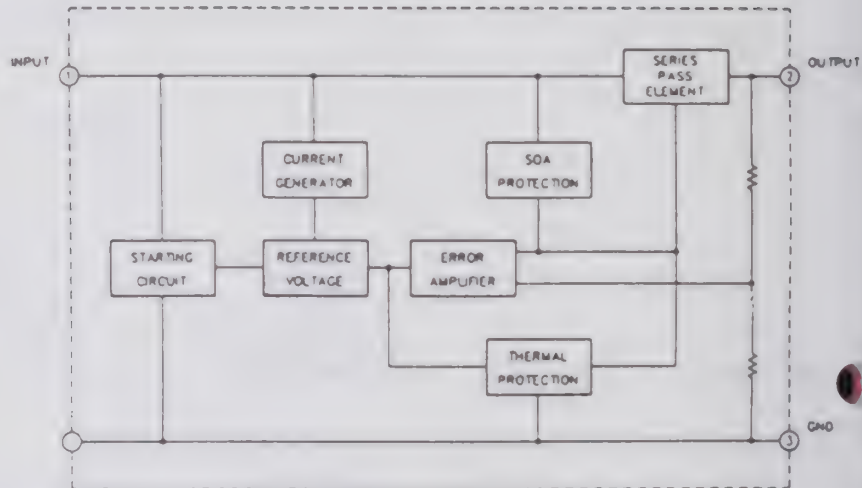


IC INTERNAL DIAGRAM

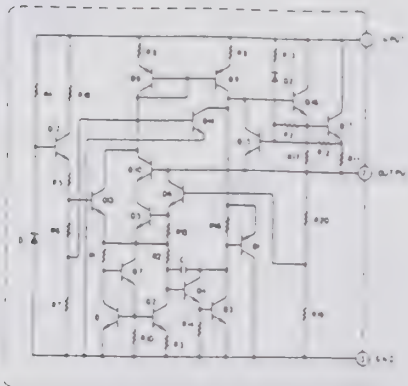
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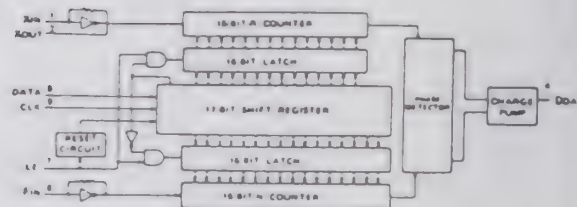
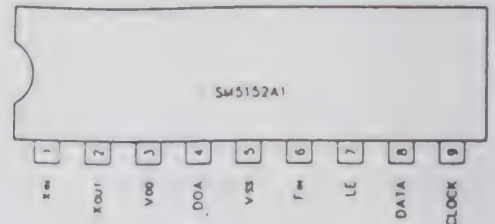
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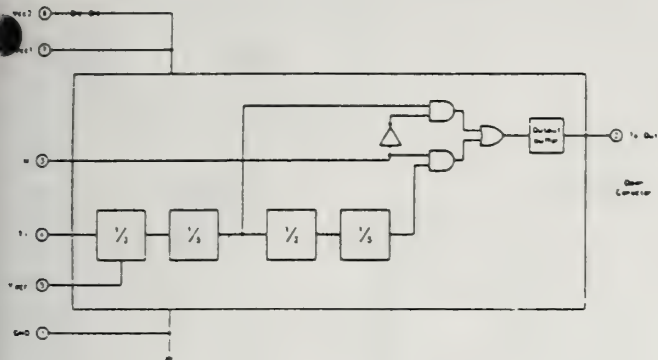
L78M05CV



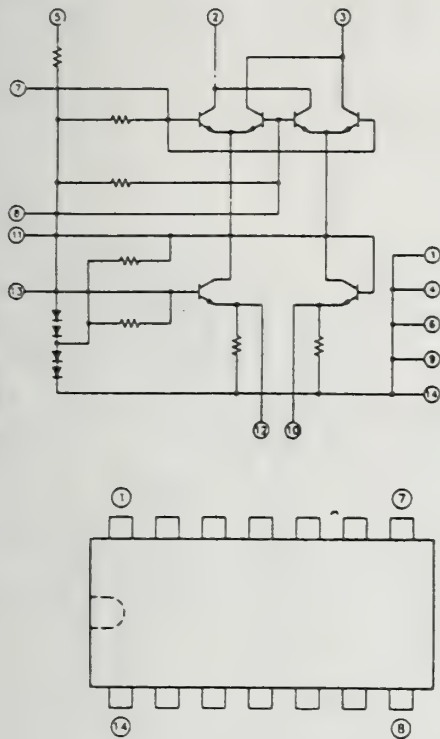
SM5152A1



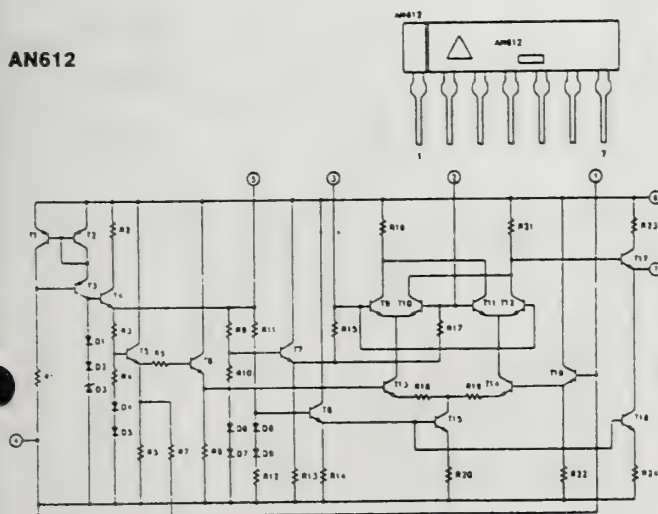
M54460L



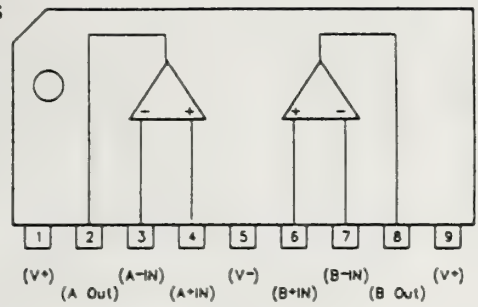
SO42P



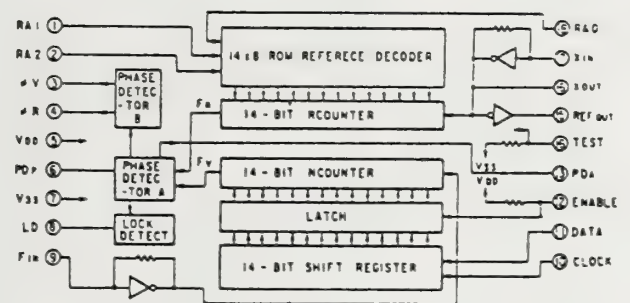
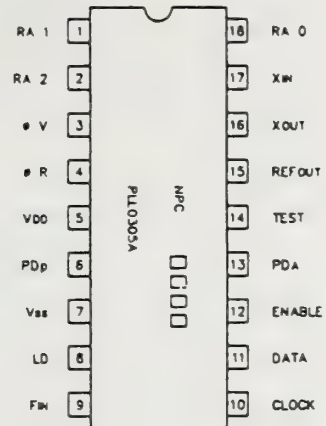
AN612



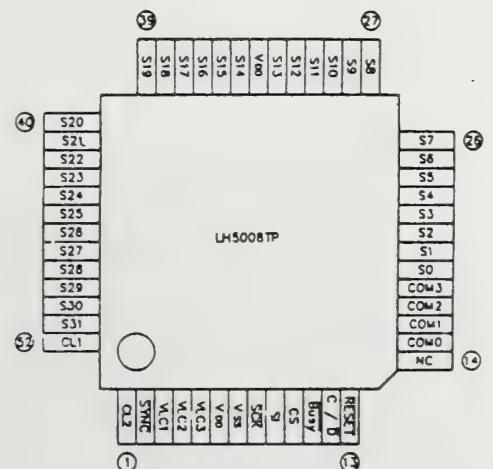
NJM4558S NJM3404AS



PLL0305A

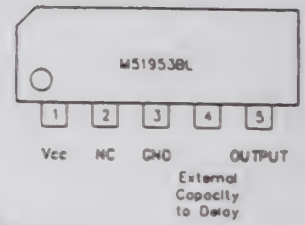
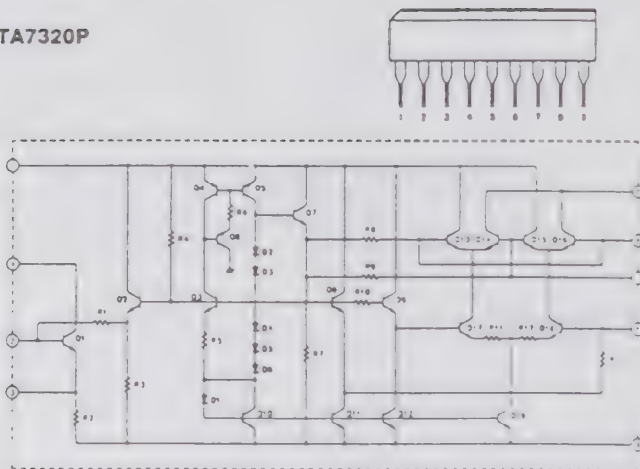


LH5008TP

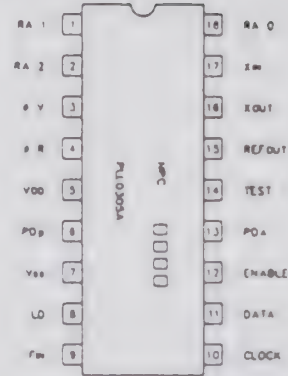


M51953BL

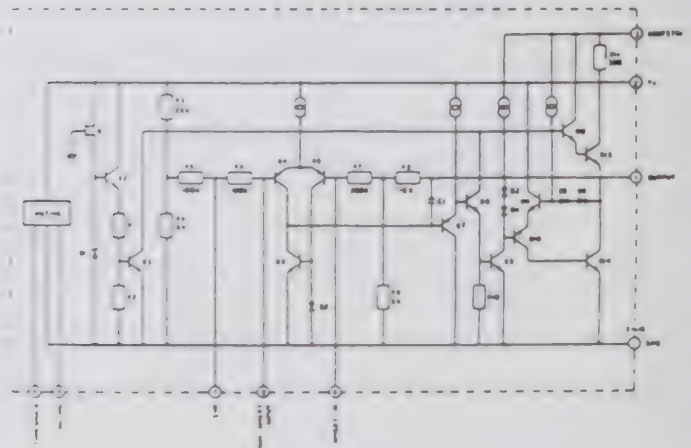
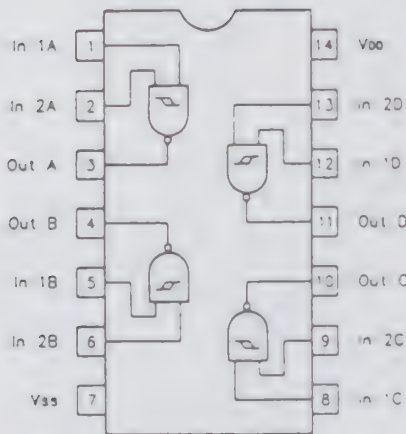
TA7320P



TDA1905



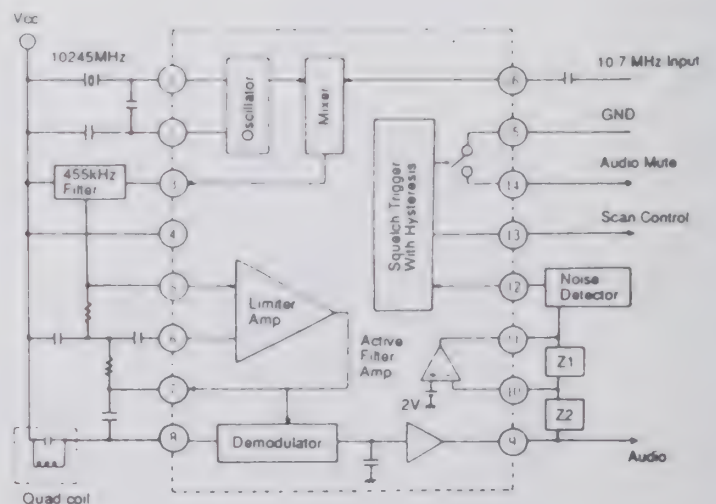
HD14093BP



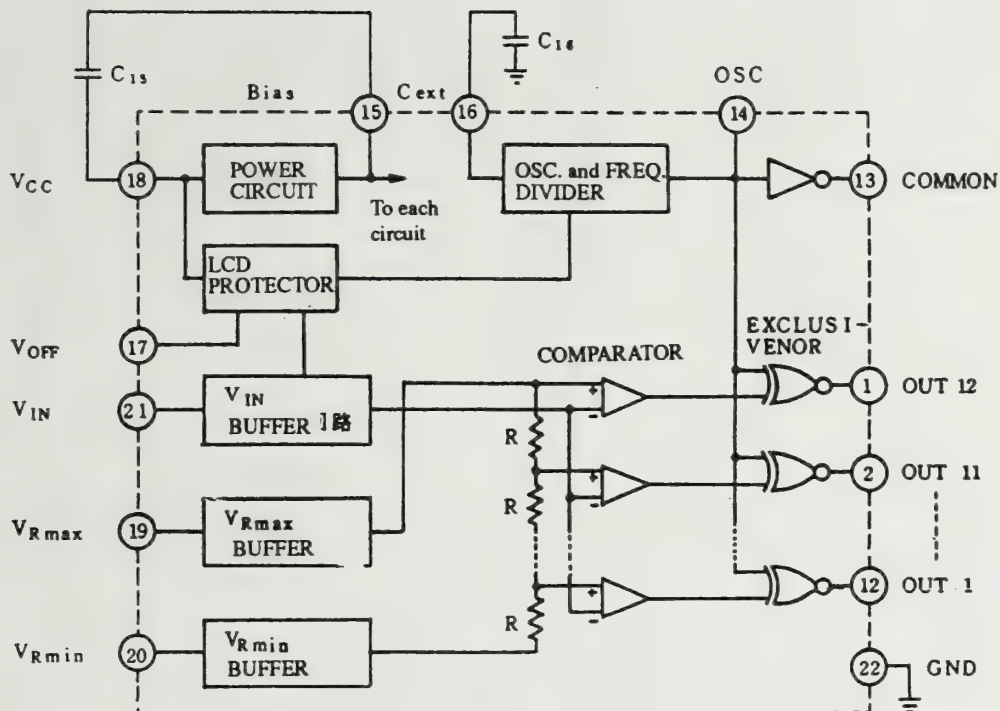
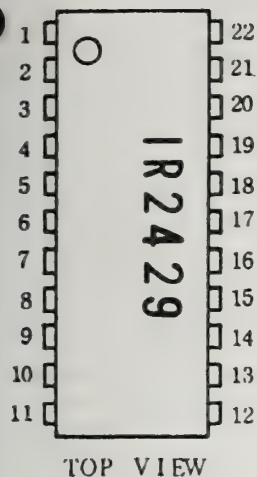
IR3N06



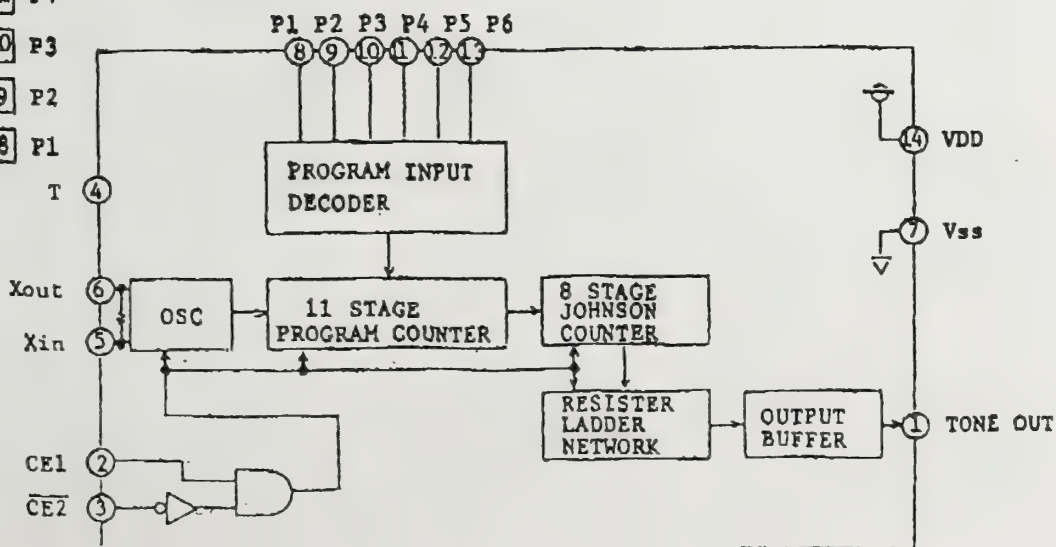
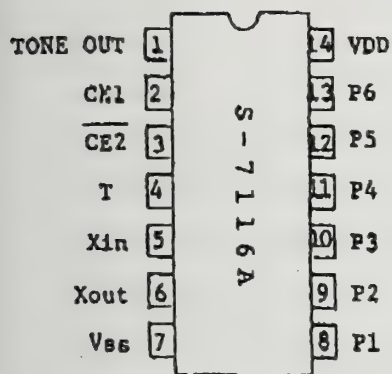
| Pin No | functions | Pin No | Functions |
|--------|--------------------|--------|--------------------|
| 1 | Crystal OSC | 9 | Demodulator Output |
| 2 | Mixer Output | 10 | Filter Input |
| 3 | Vcc | 11 | Filter Output |
| 4 | Limiter Input | 12 | Squelch Input |
| 5 | Decoupling | 13 | Scan Control |
| 6 | Limiter Output | 14 | Audio Mixer |
| 7 | Quad Input | 15 | GND |
| 8 | Demodulator Output | 16 | RF Input |



IR2429



S-7116A



TOP VIEW

| | | | |
|---------------|----|----|--------------|
| LCD 1 (SCK) | 1 | 64 | |
| LCD 2 (SI) | 2 | 63 | MUTE |
| LCD 3 (CS) | 3 | 62 | TX |
| LCD 4 (C/D) | 4 | 61 | LCD 6 (BUSY) |
| LCD 5 (RESET) | 5 | 60 | |
| RF | 6 | 59 | tone |
| MOD | 7 | 58 | |
| CAL | 8 | 57 | CWKEY |
| SWR | 9 | 56 | STOP |
| ROW 1 | 10 | 55 | SQU |
| ROW 2 | 11 | 54 | |
| ROW 3 | 12 | 53 | |
| | 13 | 52 | |
| COL 1 | 14 | 51 | |
| COL 2 | 15 | 50 | |
| COL 3 | 16 | 49 | |
| | 17 | 48 | F LOCK |
| RPT | 18 | 47 | PTT |
| | 19 | 46 | M DOWN |
| | 20 | 45 | MUP |
| | 21 | 44 | |
| F KNOB 1 | 22 | 43 | |
| F KNOB 2 | 23 | 42 | VCXO 6 |
| AM | 24 | 41 | VCXO 5 |
| USB | 25 | 40 | VCXO 4 |
| LSB | 26 | 39 | VCXO 3 |
| CW | 27 | 38 | VCXO 2 |
| DATA | 28 | 37 | VCXO 1 |
| CLK | 29 | 36 | LOCD |
| STB 1 | 30 | 35 | |
| STB 2 | 31 | 34 | CW SIFT |
| | 32 | 33 | BEEP |

| Pin No | Pin Name | I/O | At Reset and Stop | In/Out Type | Description |
|--------|-----------|-----|-------------------|-------------|---|
| 1 | LCD SCK | O | H | P.U | LCD Driver SCK |
| 2 | LCD SI | O | H | P.U | LCD Driver SI |
| 3 | LCD CS | O | H | P.U | LCD Driver CS |
| 4 | LCD C/D | O | H | P.U | LCD Driver C/D |
| 5 | LCD Reset | O | H | P.U | LCD Driver Reset |
| 6 | RF | O | L | P.D | Indicator RF Selection output L RF H other |
| 7 | MOD | O | L | P.D | Indicator MOD Selection output L MOD H other |
| 8 | CAL | O | L | P.D | Indicator CAL Selection output L CAL H other |
| 9 | SWR | O | L | P.D | Indicator SWR Selection output L SWR H other |
| 10 | ROW 1 | I/O | L | P.D | KEY MATRIX |
| 11 | ROW 2 | I/O | L | P.D | KEY MATRIX |
| 12 | ROW 3 | I/O | L | P.D | KEY MATRIX |
| 13 | | | | | |
| 14 | COL 1 | I/O | L | P.D | KEY MATRIX |
| 15 | COL 2 | I/O | L | P.D | KEY MATRIX |
| 16 | COL 3 | I/O | L | P.D | KEY MATRIX |
| 17 | | | | | |
| 18 | RPT | I | H | P.U | Repeater SW input L ON H OFF |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | F KNOB 1 | I | | | F KNOB 1 INPUT |
| 23 | F KNOB 2 | I | | | F KNOB 2 INPUT |
| 24 | AM | I | H | P.U | MODE SW AM INPUT L AM H Other |
| 25 | USB | I/O | H | P.U | MODE SW USB INPUT L USB H Other |

| Pin No | Pin Name | I/O | At Reset and Stop | In/Out Type | Description |
|--------|----------|-----|-------------------|-------------|--|
| 26 | LSB | I | H | P.U | MODE SW LSB INPUT L LSB H Other |
| 27 | CW | I/O | H | P.U | MODE SW CW INPUT L CW H Other |
| 28 | DATA | O | H | P.U | PLL DATA (N1 N2 N3) OUTPUT |
| 29 | CLK | O | H | P.U | PLL CLK OUTPUT |
| 30 | STB 1 | O | H | P.U | PLL LE OUTPUT |
| 31 | STB 2 | O | H | P.U | PLL ENABLE OUTPUT |
| 32 | | | | | |
| 33 | BEEP | O | H | P.U | Output Square wave 2 kHz at 50msec (Key Push) |
| 34 | CW SIFT | I | H | P.U | 1700Hz Shift up at CW SIFT H Enable L Disable |
| 35 | | | | | |
| 36 | LOCD | I | H | P.U | PLL LOCK Detected H LOCK L UNLOCK |
| 37 | VCXO 1 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 38 | VCXO 2 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 39 | VCXO 3 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 40 | VCXO 4 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 41 | VCXO 5 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 42 | VCXO 6 | O | H | P.U | PLL VCXO (NO) OUTPUT |
| 43 | | | | | |
| 44 | | | | | |
| 45 | H JP | | H | P.U | MIC UP SW INPUT |
| 46 | M Down | | H | P.U | MIC Down SW INPUT |
| 47 | PTT | I | H | P.U | PTT INPUT L ON H OFF |
| 48 | F LOCK | | H | P.U | F LOCK SW INPUT L ON H OFF |
| 49 | | | | | |
| 50 | | | | | |

| Pin No | Pin Name | I/O | At Reset and Stop | In/Out Type | Description |
|--------|----------|-----|-------------------|-------------|---------------------------------------|
| 51 | | | | | |
| 52 | | | | | |
| 53 | | | | | |
| 54 | | | | | |
| 55 | SQU | I | H | | SQUELCH INPUT L YES H NO |
| 56 | STOP | I | H | P.U | L INTO STOP MODE |
| 57 | CW KEY | I | H | P.U | CW KEY INPUT L ON H OFF |
| 58 | | | | | |
| 59 | tone | O | H | P.U | Tone Output H Selection L unselection |
| 60 | | | | | |
| 61 | LCD BUSY | O | H | P.U | LCD DRIVER BUSY |
| 62 | TX | O | | | TX/RX OUTPUT H TX L RX |
| 63 | MUTE | O | L | P.D | MUTE OUTPUT H MUTE L UNMUTE |
| 64 | | | | | |

4. PARTS PRICE LIST

Parts price is subject to change without notice.

UCA PARTS PRICE LIST

MODEL)

R-2600

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---------------------------------------|-------|--------------|
| | SSCW133005N | SCREW:FLAT HD + M3X5 NI | 4 | \$ 0.01 |
| | SSCW192012N | SCREW:BIND HD + M2X12 NI | 2 | \$ 0.01 |
| | SSCW193006N | SCREW:BIND HD + M3X6 NI | 4 | \$ 0.01 |
| | SSCW193008B | SCREW:BIND HD + M3X8 BNI | 4 | \$ 0.02 |
| | SSCW193008N | SCREW:BIND HD + M3X8 NI | 1 | \$ 0.01 |
| | SSCW293508N | SCREW:TAPPING ROUND HD + D3.5X8 NI | 2 | \$ 0.03 |
| | SSCW295010N | SCREW:TAPPING ROUND HD + D5X10 NI | 4 | \$ 0.05 |
| | SSCW343006B | SCREW:TAPTIGHT BIND HD + M3X6 BNI | 8 | \$ 0.03 |
| | SSCW343006N | SCREW:TAPTIGHT BIND HD + M3X6 NI | 4 | \$ 0.02 |
| | SSCW430030N | HEX NUT M3.0 NI | 1 | \$ 0.03 |
| | SSCW480030Z | NUT:FLANGE M3 ZMC | 4 | \$ 0.07 |
| | SSCW490050N | WASHER FLAT D5 NI | 4 | \$ 0.03 |
| | SSCW530035N | WASHER:LOCK D3.5 NI | 2 | \$ 0.03 |
| | SSCW540050N | WASHER:STAR D5 NI | 4 | \$ 0.05 |
| | SSCW803008N | SCREW:P TIGHT BIND HD + D3X8 NI | 3 | \$ 0.02 |
| | SSCW133005N | SCREW:FLAT HD + M3X5 NI | 4 | \$ 0.01 |
| | SSCW193006N | SCREW:BIND HD + M3X6 NI | 2 | \$ 0.01 |
| | SSCW803008N | SCREW:P TIGHT BIND HD + D3X8 NI | 1 | \$ 0.02 |
| | SSCW193006N | SCREW:BIND HD + M3X6 NI | 4 | \$ 0.01 |
| | SSCW803008N | SCREW:P TIGHT BIND HD + D3X8 NI | 2 | \$ 0.02 |
| | | | 1 | \$ 0.02 |
| B001 | BPBY0150AAZ | PC BOARD:MAIN PB-150AA | 1 | \$ 8.03 |
| B201 | BPBY0117ABZ | PC BOARD:N.B PB-117AB | 1 | \$ 1.31 |
| B301 | BPBY0148AAZ | PC BOARD:PLL PB-148AA | 1 | \$ 38.80 |
| B401 | BPBY0119ACZ | PC BOARD:FM PB-119AC | 1 | \$ 1.58 |
| B501 | BPBY0112AAZ | PC BOARD:L.C.D PB-112AA | 1 | \$ 8.46 |
| B551 | BPBY0118AAZ | PC BOARD:SWR PB-118AA | 1 | \$ 1.73 |
| B601 | BPBY0153AAZ | PC BOARD:SWITCH PB-153AA | 1 | \$ 1.15 |
| B651 | BPBY0126ABZ | PC BOARD:MIC PB-126AB | 1 | \$ 0.21 |
| B701 | BPBY0114ABZ | PC BOARD:SQ PB-114AB | 1 | \$ 0.24 |
| B751 | BPBY0100ABZ | PC BOARD:CHECK POINT PB-100AB | 1 | \$ 0.75 |
| B801 | BPBY0149AAZ | PC BOARD:RIT PB-149AA | 1 | \$ 0.62 |
| B901 | BPBY0115AAZ | PC BOARD:CH SW PB-115AA | 1 | \$ 0.19 |
| B911 | BPBY0116BAZ | PC BOARD:MODE SW PB-116BA | 1 | \$ 0.34 |
| C001 | BCCR813304Z | CAPACITOR:CERAMIC 33PF 50V J RH | 1 | \$ 0.08 |
| C003 | BCKD811026Z | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C004 | | | 1 | \$ 0.07 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| C005 | BCCG811205Z | CAPACITOR:CERAMIC 12PF 50V K SL | 1 | \$ 0.07 |
| C006 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C007 | BCAX312206Z | CAPACITOR:ELECTROLYTIC 22UF 16V M C-124 | 1 | \$ 0.17 |
| C008 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C009 | BCKG811030Z | | 1 | \$ 0.07 |
| C010 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V M C-105 | 1 | \$ 0.50 |
| C011 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C012 | BCCG814091Z | CAPACITOR:CERAMIC 4PF 50V C SL | 1 | \$ 0.07 |
| C013 | BCCG813091Z | CAPACITOR:CERAMIC 3PF 50V C SL | 1 | \$ 0.07 |
| C014 | | | 1 | \$ 0.07 |
| C015 | BCKG814720Z | CAPACITOR:CERAMIC 0.0047UF 50V Z YF(F) | 1 | \$ 0.07 |
| C016 | BCKD811026Z | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C017 | | | 1 | \$ 0.07 |
| C018 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V M C-105 | 1 | \$ 0.50 |
| C019 | BCGC511035Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.01UF 25V K | 1 | \$ 0.13 |
| C020 | BCGC514735Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.047UF 25V K | 1 | \$ 0.21 |
| C021 | | | 1 | \$ 0.21 |
| C022 | | | 1 | \$ 0.21 |
| C023 | | | 1 | \$ 0.21 |
| C024 | BCCG811505Z | CAPACITOR:CERAMIC 15PF 50V K SL | 1 | \$ 0.07 |
| C025 | BCCG815091Z | CAPACITOR:CERAMIC 5PF 50V C SL | 1 | \$ 0.07 |
| C026 | BCCG811015Z | CAPACITOR:CERAMIC 100PF 50V K SL | 1 | \$ 0.07 |
| C027 | BCAX811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-124 | 1 | \$ 0.17 |
| C028 | BCCG812205Z | CAPACITOR:CERAMIC 22PF 50V K SL | 1 | \$ 0.07 |
| C029 | BCCG813305Z | CAPACITOR:CERAMIC 33PF 50V K SL | 1 | \$ 0.07 |
| C030 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C031 | BCGC514725Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.0047UF 25V K | 1 | \$ 0.12 |
| C032 | BCGC513335Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.033UF 25V K | 1 | \$ 0.13 |
| C033 | BCAX114706Z | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C034 | | | 1 | \$ 0.17 |
| C035 | BCGC511235Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.012UF 25V K | 1 | \$ 0.13 |
| C036 | BCGC511035Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.01UF 25V K | 1 | \$ 0.13 |
| C037 | BCCG811805Z | CAPACITOR:CERAMIC 18PF 50V K SL | 1 | \$ 0.07 |
| C038 | BCKD811026Z | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C039 | BCAX114706Z | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C040 | | | 1 | \$ 0.17 |
| C041 | | | 1 | \$ 0.17 |
| C042 | | | 1 | \$ 0.17 |
| C043 | BCCU815091Z | CAPACITOR:CERAMIC 5PF 50V C UJ | 1 | \$ 0.08 |
| C044 | BCCC811014Z | CAPACITOR:CERAMIC 100PF 50V J CH | 1 | \$ 0.10 |
| C045 | BCCF811091Z | CAPACITOR:CERAMIC 1PF 50V C CK | 1 | \$ 0.08 |
| C046 | BCGC514725Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.0047UF 25V K | 1 | \$ 0.12 |
| C047 | BCGC511045Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.1UF 25V K | 1 | \$ 0.34 |
| C048 | BCAX661006Z | CAPACITOR:ELECTROLYTIC 10UF 35V M C-124 | 1 | \$ 0.17 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| C049 | BCKG814720Z | CAPACITOR:CERAMIC 0.0047UF 50V Z YF(F) | 1 | \$ 0.07 |
| C050 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C051 | | | 1 | \$ 0.07 |
| C052 | BCAX114706Z | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C053 | BCCR811014Z | CAPACITOR:CERAMIC 100PF 50V J RH | 1 | \$ 0.10 |
| C054 | BCCG813915Z | CAPACITOR:CERAMIC 390PF 50V K SL | 1 | \$ 0.09 |
| C055 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C056 | BCEW811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-105 | 1 | \$ 0.50 |
| C057 | BCGC511045Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.1UF 25V K | 1 | \$ 0.34 |
| C058 | BCGC514725Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.0047UF 25V K | 1 | \$ 0.12 |
| C059 | BCEW811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-105 | 1 | \$ 0.50 |
| C060 | BCAX114716Z | CAPACITOR:ELECTROLYTIC 470UF 10V M C-124 | 1 | \$ 0.34 |
| C061 | BCCG814715Z | CAPACITOR:CERAMIC 470PF 50V K SL | 1 | \$ 0.13 |
| C062 | BCAX814786Z | CAPACITOR:ELECTROLYTIC 0.47UF 50V M C-124 | 1 | \$ 0.17 |
| C063 | BCEW812286Z | CAPACITOR:ELECTROLITIC 0.22UF 50V M C-105 | 1 | \$ 0.50 |
| C064 | BCAX111016Z | CAPACITOR:ELECTROLYTIC 100UF 10V M C-124 | 1 | \$ 0.21 |
| C065 | BCEW812296Z | CAPACITOR:ELECTROLITIC 2.2UF 50V M C-105 | 1 | \$ 0.50 |
| C066 | BCGC514735Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.047UF 25V K | 1 | \$ 0.21 |
| C067 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V M C-105 | 1 | \$ 0.50 |
| C068 | BCAX811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-124 | 1 | \$ 0.17 |
| C069 | BCEW811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-105 | 1 | \$ 0.50 |
| C070 | | | 1 | \$ 0.50 |
| C071 | | | 1 | \$ 0.50 |
| C072 | BCGC514735Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.047UF 25V K | 1 | \$ 0.21 |
| C073 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V M C-105 | 1 | \$ 0.50 |
| C074 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C075 | BCAX112216Z | CAPACITOR:ELECTROLYTIC 220UF 10V M C-124 | 1 | \$ 0.26 |
| C076 | BCCF811091Z | CAPACITOR:CERAMIC 1PF 50V C CK | 1 | \$ 0.08 |
| C077 | | | 1 | \$ 0.08 |
| C078 | BCAX811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-124 | 1 | \$ 0.17 |
| C079 | BCCG814715Z | CAPACITOR:CERAMIC 470PF 50V K SL | 1 | \$ 0.13 |
| C081 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C082 | BCCR811214Z | CAPACITOR:CERAMIC 120PF 50V J RH | 1 | \$ 0.11 |
| C083 | BCCG813315Z | CAPACITOR:CERAMIC 330PF 50V K SL | 1 | \$ 0.09 |
| C084 | BCCR812204Z | CAPACITOR:CERAMIC 22PF 50V J RH | 1 | \$ 0.08 |
| C085 | BCCR815604Z | CAPACITOR:CERAMIC 56PF 50V J RH | 1 | \$ 0.09 |
| C086 | BCCR811204Z | CAPACITOR:CERAMIC 12PF 50V J RH | 1 | \$ 0.08 |
| C087 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C090 | BCAX114706Z | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C091 | BCGC512235Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.022UF 25V K | 1 | \$ 0.15 |
| C092 | BCGC511835Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.018UF 25V K | 1 | \$ 0.15 |
| C093 | | | 1 | \$ 0.15 |
| C094 | BCGC511035Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.01UF 25V K | 1 | \$ 0.13 |
| C095 | BCAX114716Z | CAPACITOR:ELECTROLYTIC 470UF 10V M C-124 | 1 | \$ 0.34 |

| SYMBOL | PARTS CODE | DESCRIPTION | (QTY) | (LIST PRICE) |
|--------|-------------|---|-------|--------------|
| C096 | BC005110452 | CAPACITOR:SEMI-CONDUCTOR SR 0.1UF 25V K | 1 | \$ 0.34 |
| C097 | BCAX1147062 | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C098 | BCAA8100962 | CAPACITOR:ELECTROLYTIC 2.2UF 50V M C-124 | 1 | \$ 0.17 |
| C099 | BCAA8147062 | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C100 | BC008147052 | CAPACITOR:CERAMIC 470PF 50V K SL | 1 | \$ 0.13 |
| C102 | BC005110452 | CAPACITOR:SEMI-CONDUCTOR(SR) 0.1UF 25V K | 1 | \$ 0.34 |
| C103 | BCAD8110062 | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C104 | BC005147052 | CAPACITOR:SEMI-CONDUCTOR SR) 0.0047UF 25V K | 1 | \$ 0.12 |
| C105 | BC005110352 | CAPACITOR:SEMI CONDUCTOR SR) 0.01UF 25V K | 1 | \$ 0.13 |
| C110 | BC008133052 | CAPACITOR:CERAMIC 33PF 50V K SL | 1 | \$ 0.07 |
| C111 | BC0V8110062 | CAPACITOR:ELECTROLYTIC 10UF 16V M C-105 | 1 | \$ 0.50 |
| C112 | BC0R8110042 | CAPACITOR:CERAMIC 100PF 50V J RH | 1 | \$ 0.10 |
| C113 | BC0R8133042 | CAPACITOR:CERAMIC 33PF 50V J RH | 1 | \$ 0.08 |
| C114 | BC0R8118042 | CAPACITOR:CERAMIC 180PF 50V J RH | 1 | \$ 0.14 |
| C115 | | | 1 | \$ 0.14 |
| C116 | BC0R8115042 | CAPACITOR:CERAMIC 150PF 50V J RH | 1 | \$ 0.14 |
| C117 | BC008139052 | CAPACITOR:CERAMIC 390PF 50V K SL | 1 | \$ 0.09 |
| C118 | BC0G8147002 | CAPACITOR:CERAMIC 0.0047UF 50V Z YF(F) | 1 | \$ 0.07 |
| C119 | BC0V8147062 | CAPACITOR:ELECTROLYTIC 0.47UF 50V M C-105 | 1 | \$ 0.50 |
| C120 | BC008156052 | CAPACITOR:CERAMIC 560PF 50V K SL | 1 | \$ 0.13 |
| C121 | BCAD8110062 | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C122 | BCAD8110062 | CAPACITOR:CERAMIC 0.01UF 50V M YD(D) | 1 | \$ 0.14 |
| C123 | BCAD8110062 | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C124 | BC008156052 | CAPACITOR:CERAMIC 560PF 50V K SL | 1 | \$ 0.13 |
| C125 | | | 1 | \$ 0.13 |
| C126 | BC008180052 | CAPACITOR:CERAMIC 820PF 50V K SL | 1 | \$ 0.19 |
| C127 | BC008133052 | CAPACITOR:CERAMIC 330PF 50V K SL | 1 | \$ 0.09 |
| C128 | BC0V8110062 | CAPACITOR:ELECTROLYTIC 0.22UF 50V M C-105 | 1 | \$ 0.50 |
| C129 | BCAD8110062 | CAPACITOR:CERAMIC 0.01UF 50V M YD(D) | 1 | \$ 0.14 |
| C130 | BCAX1147062 | CAPACITOR:ELECTROLYTIC 47UF 10V M C-124 | 1 | \$ 0.17 |
| C131 | BCAD8110062 | CAPACITOR:CERAMIC 0.01UF 50V M YD(D) | 1 | \$ 0.14 |
| C132 | BC0R8110042 | CAPACITOR:CERAMIC 220PF 50V J RH | 1 | \$ 0.19 |
| C133 | BCAX1100962 | CAPACITOR:ELECTROLYTIC 100UF 10V M C-124 | 1 | \$ 0.21 |
| C134 | BC0R8110062 | CAPACITOR:CERAMIC 560PF 50V K YB(B) | 1 | \$ 0.07 |
| C135 | BC0G8110062 | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C136 | BCAD8110062 | CAPACITOR:CERAMIC 0.001UF 50V M YD(D) | 1 | \$ 0.07 |
| C137 | BC0G8147002 | CAPACITOR:CERAMIC 0.0047UF 50V Z YF(F) | 1 | \$ 0.07 |
| C138 | BC0G8110062 | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C139 | BC008147052 | CAPACITOR:SEMI-CONDUCTOR(SR) 0.047UF 25V K | 1 | \$ 0.21 |
| C140 | BC008147052 | CAPACITOR:CERAMIC 470PF 50V K SL | 1 | \$ 0.13 |
| C141 | BC0G8110062 | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C142 | BC0R8110042 | CAPACITOR:CERAMIC 100PF 50V J UJ | 1 | \$ 0.09 |
| C143 | BC0R8133042 | CAPACITOR:CERAMIC 330PF 50V J UJ | 1 | \$ 0.14 |
| C144 | BC0G8110062 | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |

| SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|---------|--------------|--|-------|--------------|
| C146 | BCGC511025Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.001UF 25V K | 1 | \$ 0.12 |
| C147 | BCGC513335Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.033UF 25V K | 1 | \$ 0.19 |
| C148 | BCEW812286Z | CAPACITOR:ELECTROLITIC 0.22UF 50V W C-105 | 1 | \$ 0.50 |
| C149 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V W C-105 | 1 | \$ 0.50 |
| C150 | BCKC514730Z | CAPACITOR:CERAMIC 0.047UF 25V Z ZF | 1 | \$ 0.15 |
| C151 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C152 | BCAX511026Z | CAPACITOR:ELECTROLYTIC 1000UF 25V W C-124 | 1 | \$ 1.25 |
| C154 | | | 1 | \$ 1.25 |
| C155 | BCAX114716Z | CAPACITOR:ELECTROLYTIC 470UF 10V W C-124 | 1 | \$ 0.34 |
| C201 | BCVR314726Z | C:CERAMIC MELF 4700PF 16V W X C-140 TAPE | 1 | \$ 0.13 |
| C202 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C203 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V W C-105 | 1 | \$ 0.50 |
| C204 | BCVL811004Z | C:CERAMIC MELF 10PF 50V J SL C-140 TAPE | 1 | \$ 0.12 |
| C205 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C206 | BCVR314726Z | C:CERAMIC MELF 4700PF 16V W X C-140 TAPE | 1 | \$ 0.13 |
| C207 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C208 | BCVP818205Z | C:CERAMIC MELF 82PF 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C209 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V W Y C-140 TAPE | 1 | \$ 0.12 |
| C210 | BCEW814786Z | CAPACITOR:ELECTROLYTIC 0.47UF 50V W C-105 | 1 | \$ 0.50 |
| C212 | BCVP813315Z | C:CERAMIC MELF 330PF 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C213 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C214 | BCEW311006Z | CAPACITOR:ELECTROLYTIC 10UF 16V W C-105 | 1 | \$ 0.50 |
| C215 | BCVP813315Z | C:CERAMIC MELF 330PF 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C216 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V W Y C-140 TAPE | 1 | \$ 0.12 |
| C301 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C302 | BCAX312206Z | CAPACITOR:ELECTROLYTIC 22UF 16V W C-124 | 1 | \$ 0.17 |
| C303 | BCSB114796Z | CAPACITOR:TANTALUM 4.7UF 10V W C-089 | 1 | \$ 0.56 |
| C304 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C305 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V W Y C-140 TAPE | 1 | \$ 0.12 |
| C306 | BCEW811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V W C-105 | 1 | \$ 0.50 |
| C307 | | | 1 | \$ 0.50 |
| C308 | BCVP811815Z | C:CERAMIC MELF 180PF 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C309 | BCXE813935Z | C:CERAMIC M/L (3216) TAPE 0.039UF 50V K C(B) | 1 | \$ 0.34 |
| C310 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V W C-124 | 1 | \$ 0.17 |
| C311 | BCGC513335Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.033UF 25V K | 1 | \$ 0.19 |
| C312 | BCXD811015Z | C:CERAMIC M/L (3216) TAPE 100PF 50V K CG | 1 | \$ 0.19 |
| C313 | BCVM811504Z | C:CERAMIC MELF 15PF 50V J CH C-140 TAPE | 1 | \$ 0.13 |
| C314 | BCXD812215Z | C:CERAMIC M/L (3216) TAPE 220PF 50V K CG | 1 | \$ 0.21 |
| C315 | BCVM812091Z | C:CERAMIC MELF 2PF 50V C CH C-140 TAPE | 1 | \$ 0.13 |
| C316 | BCXD816805Z | C:CERAMIC M/L (3216) TAPE 68PF 50V K CG | 1 | \$ 0.19 |
| C317 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C318 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V W Y C-140 TAPE | 1 | \$ 0.12 |
| C319 | BCGC511035Z | CAPACITOR:SEMI CONDUCTOR(SR) 0.01UF 25V K | 1 | \$ 0.13 |
| C320 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V W C-124 | 1 | \$ 0.17 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | | (QTY) | (LIST PRICE) | |
|----------|--------------|---------------------------|---------------------------|-------|--------------|------|
| C321 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE | 0.047UF 50V K C(B) | 1 | \$ | 0.34 |
| C322 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C323 | BCVQ311036Z | C:CERAMIC MELF | 0.01UF 16V M Y C-140 TAPE | 1 | \$ | 0.12 |
| C324 | BCVL815604Z | C:CERAMIC MELF | 56PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C325 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C326 | BCVL819092Z | C:CERAMIC MELF | 9PF 50V D SL C-140 TAPE | 1 | \$ | 0.12 |
| C327 | BCVL812204Z | C:CERAMIC MELF | 22PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C328 | BCVL813904Z | C:CERAMIC MELF | 39PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C329 | BCVL816092Z | C:CERAMIC MELF | 6PF 50V D SL C-140 TAPE | 1 | \$ | 0.12 |
| C330 | BCVP813915Z | C:CERAMIC MELF | 390PF 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C331 | BCVL811804Z | C:CERAMIC MELF | 18PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C332 | BCVQ311036Z | C:CERAMIC MELF | 0.01UF 16V M Y C-140 TAPE | 1 | \$ | 0.12 |
| C333 | BCVP811515Z | C:CERAMIC MELF | 150PF 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C334 | | | | 1 | \$ | 0.12 |
| C335 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C336 | | | | 1 | \$ | 0.12 |
| C337 | BCAX811096Z | CAPACITOR:ELECTROLYTIC | 1UF 50V M C-124 | 1 | \$ | 0.17 |
| C338 | BCEW811096Z | CAPACITOR:ELECTROLYTIC | 1UF 50V M C-105 | 1 | \$ | 0.00 |
| C339 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE | 0.047UF 50V K C(B) | 1 | \$ | 0.34 |
| C340 | BCVL812204Z | C:CERAMIC MELF | 22PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C341 | BCAX814796Z | CAPACITOR:ELECTROLYTIC | 4.7UF 50V M C-124 | 1 | \$ | 0.17 |
| C342 | | | | 1 | \$ | 0.17 |
| C345 | BCVL811504Z | C:CERAMIC MELF | 15PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C346 | BCVL818092Z | C:CERAMIC MELF | 8PF 50V D SL C-140 TAPE | 1 | \$ | 0.12 |
| C347 | BCVL811504Z | C:CERAMIC MELF | 15PF 50V J SL C-140 TAPE | 1 | \$ | 0.12 |
| C348 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C349 | BCVP811015Z | C:CERAMIC MELF | 100PF 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C350 | BCAX814786Z | CAPACITOR:ELECTROLYTIC | 0.47UF 50V M C-124 | 1 | \$ | 0.17 |
| C351 | BCVP811015Z | C:CERAMIC MELF | 100PF 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C352 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE | 0.047UF 50V K C(B) | 1 | \$ | 0.34 |
| C353 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C354 | | | | 1 | \$ | 0.12 |
| C355 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE | 0.047UF 50V K C(B) | 1 | \$ | 0.34 |
| C356 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C357 | | | | 1 | \$ | 0.12 |
| C358 | BCXD811515Z | C:CERAMIC M/L (3216) TAPE | 150PF 50V K CG | 1 | \$ | 0.19 |
| C359 | BCXD813915Z | C:CERAMIC M/L (3216) TAPE | 390PF 50V K CG | 1 | \$ | 0.24 |
| C360 | BCVM815092Z | C:CERAMIC MELF | 5PF 50V D CH C-140 TAPE | 1 | \$ | 0.13 |
| C361 | BCVM811204Z | C:CERAMIC MELF | 12PF 50V J CH C-140 TAPE | 1 | \$ | 0.13 |
| C362 | BCXD811015Z | C:CERAMIC M/L (3216) TAPE | 100PF 50V K CG | 1 | \$ | 0.19 |
| C363 | BCVQ311036Z | C:CERAMIC MELF | 0.01UF 16V M Y C-140 TAPE | 1 | \$ | 0.12 |
| C364 | BCVP811025Z | C:CERAMIC MELF | 0.001U 50V K B C-140 TAPE | 1 | \$ | 0.12 |
| C365 | | | | 1 | \$ | 0.12 |
| C366 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE | 0.047UF 50V K C(B) | 1 | \$ | 0.34 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| C367 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C368 | | | 1 | \$ 0.12 |
| C369 | BCVL813904Z | C:CERAMIC MELF 39PF 50V J SL C-140 TAPE | 1 | \$ 0.12 |
| C370 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V M Y C-140 TAPE | 1 | \$ 0.12 |
| C371 | | | 1 | \$ 0.12 |
| C372 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C373 | BCVM815092Z | C:CERAMIC MELF 5PF 50V D CH C-140 TAPE | 1 | \$ 0.13 |
| C374 | BCVM811004Z | C:CERAMIC MELF 10PF 50V J CH C-140 TAPE | 1 | \$ 0.13 |
| C375 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C376 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V M Y C-140 TAPE | 1 | \$ 0.12 |
| C377 | BCVM815092Z | C:CERAMIC MELF 5PF 50V D CH C-140 TAPE | 1 | \$ 0.13 |
| C378 | BCVP811025Z | C:CERAMIC MELF 0.001U 50V K B C-140 TAPE | 1 | \$ 0.12 |
| C379 | BCVL813304Z | C:CERAMIC MELF 33PF 50V J SL C-140 TAPE | 1 | \$ 0.12 |
| C380 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C382 | BCXE814725Z | C:CERAMIC M/L (3216) TAPE 0.0047UF 50V K C(B) | 1 | \$ 0.19 |
| C385 | BCAX811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-124 | 1 | \$ 0.17 |
| C386 | BCEW811096Z | CAPACITOR:ELECTROLYTIC 1UF 50V M C-105 | 1 | \$ 0.50 |
| C387 | BCXE812235Z | C:CERAMIC M/L (3216) TAPE 0.022UF 50V K C(B) | 1 | \$ 0.26 |
| C388 | BCAX812296Z | CAPACITOR:ELECTROLYTIC 2.2UF 50V M C-124 | 1 | \$ 0.17 |
| C391 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V M Y C-140 TAPE | 1 | \$ 0.12 |
| C392 | BCEW811086Z | CAPACITOR:ELECTROLYTIC 0.1UF 50V M C-105 | 1 | \$ 0.50 |
| C393 | BCAX901026Z | CAPACITOR:ELECTROLYTIC 1000UF 6.3V M C-124 | 1 | \$ 0.52 |
| C394 | BCAX114716Z | CAPACITOR:ELECTROLYTIC 470UF 10V M C-124 | 1 | \$ 0.34 |
| C395 | BCVQ311036Z | C:CERAMIC MELF 0.01UF 16V M Y C-140 TAPE | 1 | \$ 0.12 |
| C396 | BCXP814704Z | C:CERAMIC M/L (3216) TAPE 47PF 50V J UJ | 1 | \$ 0.15 |
| C397 | | | 1 | \$ 0.15 |
| C398 | BCAX811086Z | CAPACITOR:ELECTROLYTIC 0.1UF 50V M C-124 | 1 | \$ 0.17 |
| C399 | | | 1 | \$ 0.17 |
| C401 | BCXE812235Z | C:CERAMIC M/L (3216) TAPE 0.022UF 50V K C(B) | 1 | \$ 0.26 |
| C405 | BCEW114706Z | CAPACITOR:ELECTROLYTIC 47UF 10V M C-105 | 1 | \$ 0.50 |
| C406 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C407 | | | 1 | \$ 0.34 |
| C408 | BCVN811804Z | C:CERAMIC MELF 18PF 50V J RH C-140 TAPE | 1 | \$ 0.13 |
| C409 | BCXE812235Z | C:CERAMIC M/L (3216) TAPE 0.022UF 50V K C(B) | 1 | \$ 0.26 |
| C411 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C412 | BCXE812235Z | C:CERAMIC M/L (3216) TAPE 0.022UF 50V K C(B) | 1 | \$ 0.26 |
| C444 | BCVM811004Z | C:CERAMIC MELF 10PF 50V J CH C-140 TAPE | 1 | \$ 0.13 |
| C445 | | | 1 | \$ 0.13 |
| C446 | BCXE814735Z | C:CERAMIC M/L (3216) TAPE 0.047UF 50V K C(B) | 1 | \$ 0.34 |
| C501 | BCAX814796Z | CAPACITOR:ELECTROLYTIC 4.7UF 50V M C-124 | 1 | \$ 0.17 |
| C502 | BCEW813396Z | CAPACITOR:ELECTROLITIC 3.3UF 50V M C-105 | 1 | \$ 0.50 |
| C503 | BCAX901016Z | CAPACITOR:ELECTROLYTIC 100UF 6.3V M C-124 | 1 | \$ 2.06 |
| C551 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |
| C552 | BCKG811030Z | CAPACITOR:CERAMIC 0.01UF 50V Z YF(F) | 1 | \$ 0.07 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| C801 | BCGC512235Z | CAPACITOR:SEMI-CONDUCTOR(SR) 0.022UF 25V K | 1 | \$ 0.15 |
| D001 | BDAY0090001 | DIODE MC-301 | 1 | \$ 1.06 |
| D002 | | | 1 | \$ 1.06 |
| D003 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D004 | | | 1 | \$ 0.10 |
| D005 | | | 1 | \$ 0.10 |
| D006 | | | 1 | \$ 0.10 |
| D007 | BDAY0492003 | DIODE:ZENER AS TS 26 + HZ3B3 TAPING | 1 | \$ 0.19 |
| D008 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D009 | | | 1 | \$ 0.10 |
| D010 | | | 1 | \$ 0.10 |
| D011 | BDAY0001001 | DIODE 1N60 AM | 1 | \$ 0.33 |
| D012 | | | 1 | \$ 0.33 |
| D013 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D014 | | | 1 | \$ 0.10 |
| D016 | BDAY0001001 | DIODE 1N60 AM | 1 | \$ 0.33 |
| D017 | | | 1 | \$ 0.33 |
| D018 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D019 | | | 1 | \$ 0.10 |
| D020 | | | 1 | \$ 0.10 |
| D021 | | | 1 | \$ 0.10 |
| D022 | | | 1 | \$ 0.10 |
| D025 | | | 1 | \$ 0.10 |
| D026 | | | 1 | \$ 0.10 |
| D027 | | | 1 | \$ 0.10 |
| D028 | | | 1 | \$ 0.10 |
| D029 | | | 1 | \$ 0.10 |
| D030 | BDFY0004003 | VARISTOR KB-362 | 1 | \$ 1.10 |
| D031 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D032 | | | 1 | \$ 0.10 |
| D033 | | | 1 | \$ 0.10 |
| D034 | BDAY0492002 | DIODE:ZENER AS TS 26 + HZ5C1 TAPING | 1 | \$ 0.19 |
| D035 | BDAY0497001 | DIODE 1SS133 TAPING | 1 | \$ 0.10 |
| D036 | | | 1 | \$ 0.10 |
| D037 | | | 1 | \$ 0.10 |
| D038 | | | 1 | \$ 0.10 |
| D039 | | | 1 | \$ 0.10 |
| D040 | | | 1 | \$ 0.10 |
| D041 | | | 1 | \$ 0.10 |
| D042 | | | 1 | \$ 0.10 |
| D043 | | | 1 | \$ 0.10 |
| D044 | | | 1 | \$ 0.10 |
| D045 | | | 1 | \$ 0.10 |
| D046 | | | 1 | \$ 0.10 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | | (QTY) | (LIST PRICE) |
|----------|--------------|------------------|---------------|-------|--------------|
| D047 | BDAY0497001 | DIODE | ISS133 TAPING | 1 | \$ 0.10 |
| D048 | | | | 1 | \$ 0.10 |
| D049 | | | | 1 | \$ 0.10 |
| D051 | | | | 1 | \$ 0.10 |
| D052 | | | | 1 | \$ 0.10 |
| D053 | | | | 1 | \$ 0.10 |
| D054 | | | | 1 | \$ 0.10 |
| D055 | | | | 1 | \$ 0.10 |
| D056 | | | | 1 | \$ 0.10 |
| D057 | | | | 1 | \$ 0.10 |
| D058 | | | | 1 | \$ 0.10 |
| D059 | | | | 1 | \$ 0.10 |
| D061 | | | | 1 | \$ 0.10 |
| D062 | | | | 1 | \$ 0.10 |
| D063 | | | | 1 | \$ 0.10 |
| D064 | | | | 1 | \$ 0.10 |
| D065 | | | | 1 | \$ 0.10 |
| D066 | | | | 1 | \$ 0.10 |
| D067 | | | | 1 | \$ 0.10 |
| D068 | | | | 1 | \$ 0.10 |
| D069 | | | | 1 | \$ 0.10 |
| D071 | | | | 1 | \$ 0.10 |
| D072 | | | | 1 | \$ 0.10 |
| D073 | BDAY0245001 | DIODE | 1N5401 | 1 | \$ 0.65 |
| D074 | BDAY0497001 | DIODE | ISS133 TAPING | 1 | \$ 0.10 |
| D075 | BDAY0529001 | DIODE AX TS 26 + | S5566G TAPING | 1 | \$ 0.21 |
| D076 | BDAY0497001 | DIODE | ISS133 TAPING | 1 | \$ 0.10 |
| D077 | BDFY0058001 | VARISTOR | MV-1YH-S | 1 | \$ 1.66 |
| D078 | | | | 1 | \$ 1.66 |
| D201 | BDAY0001001 | DIODE | 1N60 AM | 1 | \$ 0.33 |
| D202 | | | | 1 | \$ 0.33 |
| D203 | BDAY0433001 | DIODE | RLS4148 TE11 | 1 | \$ 0.21 |
| D301 | BDAY0465001 | DIODE | ISV200-12 TRC | 1 | \$ 0.96 |
| D303 | | | | 1 | \$ 0.96 |
| D304 | | | | 1 | \$ 0.96 |
| D305 | | | | 1 | \$ 0.96 |
| D306 | | | | 1 | \$ 0.96 |
| D307 | | | | 1 | \$ 0.96 |
| D308 | BDAY0281001 | DIODE | KV1330 | 1 | \$ 3.77 |
| D311 | BDAY0433001 | DIODE | RLS4148 TE11 | 1 | \$ 0.21 |
| D312 | BDAY0529001 | DIODE AX TS 26 + | S5566G TAPING | 1 | \$ 0.21 |
| D313 | | | | 1 | \$ 0.21 |
| D315 | BDAY0433001 | DIODE | RLS4148 TE11 | 1 | \$ 0.21 |
| D316 | BDAY0529001 | DIODE AX TS 26 + | S5566G TAPING | 1 | \$ 0.21 |

| (SYMBOL) | (PARTS CODE) | | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|-----------------|---------------------------|-------|--------------|
| D318 | BDAY0433001 | DIODE | RLS4148 TE11 | 1 | \$ 0.21 |
| D319 | | | | 1 | \$ 0.21 |
| D321 | | | | 1 | \$ 0.21 |
| D322 | | | | 1 | \$ 0.21 |
| D323 | | | | 1 | \$ 0.21 |
| D324 | | | | 1 | \$ 0.21 |
| D551 | BDAY0001001 | DIODE | 1N60 AM | 1 | \$ 0.33 |
| D552 | | | | 1 | \$ 0.33 |
| J301 | BJKY0276003 | JACK | JK-276 5267-03A | 1 | \$ 0.21 |
| J302 | BJKY0276004 | JACK | JK-276 5267-04A | 1 | \$ 0.24 |
| J303 | BJKY0276005 | JACK | JK-276 5267-05A | 1 | \$ 0.28 |
| J304 | BJKY0276009 | JACK | JK-276 5267-09A | 1 | \$ 0.57 |
| J305 | | | | 1 | \$ 0.57 |
| J306 | BJKY0276005 | JACK | JK-276 5267-05A | 1 | \$ 0.28 |
| J307 | BJKY0276003 | JACK | JK-276 5267-03A | 1 | \$ 0.21 |
| J308 | | | | 1 | \$ 0.21 |
| J311 | BJKY0326001 | JACK | JK-326 | 1 | \$ 1.29 |
| J312 | | | | 1 | \$ 1.29 |
| J511 | BJKY0426001 | JACK | JK-426 M-RM-L | 1 | \$ 2.11 |
| J651 | BJKY0191001 | JACK | JK-191 N-79003 | 1 | \$ 4.86 |
| L001 | BLBY0623001 | COIL | LB-623 199CN-15100X | 1 | \$ 1.12 |
| L002 | BLBY0341001 | COIL | LB-341 199CC-13499A | 1 | \$ 1.38 |
| L003 | | | | 1 | \$ 1.38 |
| L004 | | | | 1 | \$ 1.38 |
| L005 | BLBY0438001 | COIL | LB-438 199CC-14250N | 1 | \$ 1.38 |
| L006 | BLBY0342001 | COIL | LB-342 199CC-13524R | 1 | \$ 1.38 |
| L008 | BLBY0137001 | COIL | LB-137 113CN-6344Z | 1 | \$ 1.08 |
| L009 | | | | 1 | \$ 1.08 |
| L010 | BLBY0209001 | COIL | LB-209 113CN-6485Z | 1 | \$ 1.08 |
| L011 | BLZY0016471 | INDUCTOR:MOLDED | LZ-016 SL0609-471K 470UH | 1 | \$ 0.46 |
| L012 | | | | 1 | \$ 0.46 |
| L013 | | | | 1 | \$ 0.46 |
| L014 | BLEY0376001 | COIL | LE-376 L-3E6-5(R22-E528) | 1 | \$ 0.50 |
| L015 | BLEY0402001 | COIL | LE-402 L-1E6-S(R22-E720X) | 1 | \$ 0.50 |
| L016 | BLEY0375001 | COIL | LE-375 D6 7 1/2T | 1 | \$ 0.50 |
| L017 | BLDY0230001 | COIL | LD-230 | 1 | \$ 3.89 |
| L018 | | | | 1 | \$ 3.89 |
| L019 | BLDY0221001 | COIL | LD-221 | 1 | \$ 1.62 |
| L020 | BLDY0087001 | COIL | LD-087 BF04-3*5*1 | 1 | \$ 0.08 |
| L021 | BLDY0229001 | COIL | LD-229 | 1 | \$ 3.07 |
| L022 | BLDY0228001 | COIL | LD-228 AT0502T-3012 | 1 | \$ 0.70 |
| L023 | BLDY0087001 | COIL | LD 087 BF04-3*5*1 | 1 | \$ 0.08 |
| L024 | BLEY0201001 | COIL | LE-201 D2.4 3 1/2T | 1 | \$ 0.17 |
| L025 | BLBY0342001 | COIL | LB-342 199CC-13524R | 1 | \$ 1.38 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| L026 | BLZY0051101 | INDUCTOR:MOLDED LZ-051 SP0305-101K 100UH | 1 | \$ 0.34 |
| L203 | BLFY0125001 | COIL LF-125 332PC-2673Y | 1 | \$ 2.51 |
| L301 | BLEY0246001 | COIL LE-246 D0.6 3 1/2T | 1 | \$ 0.15 |
| L302 | BLBY0684001 | COIL LB-684 L-2M7-T1(R12H807X) | 1 | \$ 1.13 |
| L303 | BLFY0131001 | COIL LF-131 A294SN-1373AQ | 1 | \$ 1.87 |
| L304 | | | 1 | \$ 1.87 |
| L307 | BLZY0051479 | INDUCTOR:MOLDED LZ-051 SP0305-4R7K 4.7UH | 1 | \$ 0.34 |
| L308 | BLZY0051100 | INDUCTOR:MOLDED LZ-051 SP0305-100K 10UH | 1 | \$ 0.34 |
| L310 | BLFY0159001 | COIL LF-159 341LC-1286N | 1 | \$ 2.51 |
| L312 | BLZY0051279 | INDUCTOR:MOLDED LZ-051 SP0305-2R7M 2.7UH | 1 | \$ 0.34 |
| L313 | BLFY0130001 | COIL LF-130 A294SN-1372AQ | 1 | \$ 1.87 |
| L314 | BLFY0131001 | COIL LF-131 A294SN-1373AQ | 1 | \$ 1.87 |
| L315 | BLFY0172001 | COIL LF-172 A294SN-15291B | 1 | \$ 1.87 |
| L316 | BLZY0044682 | INDUCTOR:MOLDED LZ-044 262LY-682K 6.8MH | 1 | \$ 0.93 |
| L317 | BLBY0686001 | COIL LB-686 L-2M7-T1(R12H806X) | 1 | \$ 1.13 |
| L318 | BLFY0133001 | COIL LF-133 A294SNS-14411B | 1 | \$ 1.87 |
| L319 | BLFY0158001 | COIL LF-158 341LC-1282FQZ | 1 | \$ 2.51 |
| L401 | BLFY0072001 | COIL LF-072 5PLC-1055Z | 1 | \$ 2.09 |
| L651 | BLZY0051471 | INDUCTOR:MOLDED LZ-051 SP0305-471K 470UH | 1 | \$ 0.34 |
| L652 | | | 1 | \$ 0.34 |
| L653 | | | 1 | \$ 0.34 |
| Q001 | BDBC1674111 | TRANSISTOR DB-295 2SC1674-L | 1 | \$ 0.21 |
| Q002 | BDCB0192533 | FIELD EFFECT TRANSISTOR DC-019 2SK192A-BL | 1 | \$ 0.64 |
| Q003 | BDBC1674111 | TRANSISTOR DB-295 2SC1674-L | 1 | \$ 0.21 |
| Q004 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q005 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q006 | | | 1 | \$ 0.19 |
| Q007 | BDBC1730111 | TRANSISTOR DB-269 2SC1730-L | 1 | \$ 0.49 |
| Q008 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q009 | | | 1 | \$ 0.17 |
| Q010 | | | 1 | \$ 0.17 |
| Q011 | | | 1 | \$ 0.17 |
| Q012 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q013 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q014 | | | 1 | \$ 0.17 |
| Q015 | | | 1 | \$ 0.17 |
| Q016 | | | 1 | \$ 0.17 |
| Q017 | BDBA0733541 | TRANSISTOR DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q018 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q019 | | | 1 | \$ 0.17 |
| Q020 | BDBA0733541 | TRANSISTOR DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q021 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q022 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q023 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |

| (SYMBOL) | (PARTS CODE) | | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|----------------------------|------------------------|-------|--------------|
| Q024 | BDBA0733541 | TRANSISTOR | DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q025 | | | | 1 | \$ 0.19 |
| Q026 | BDBC0945507 | TRANSISTOR | DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q027 | BDBB0525104 | TRANSISTOR | DB-106 2SB525-D UNI | 1 | \$ 0.71 |
| Q028 | BDBC3242536 | TRANSISTOR | DB-383 2SC3242A-E | 1 | \$ 0.81 |
| Q029 | BDBC0945507 | TRANSISTOR | DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q030 | | | | 1 | \$ 0.17 |
| Q031 | BDBC2086104 | TRANSISTOR | DB-228 2SC2086-D | 1 | \$ 2.19 |
| Q032 | BDBZ0529001 | TRANSISTOR | DB-529 MRF-477 | 1 | \$ 52.64 |
| Q033 | BDBC2166103 | TRANSISTOR | DB-331 2SC2166-C | 1 | \$ 5.02 |
| Q034 | BDBC1973315 | TRANSISTOR | DB-272 2SC1973-SSB | 1 | \$ 3.25 |
| Q201 | BDBC2814641 | TRANSISTOR | DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q202 | | | | 1 | \$ 0.40 |
| Q203 | | | | 1 | \$ 0.40 |
| Q204 | BDBC2812642 | TRANSISTOR | DB-743 2SC2812-L5 TA | 1 | \$ 0.32 |
| Q205 | | | | 1 | \$ 0.32 |
| Q206 | BDBA1179643 | TRANSISTOR | DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q207 | BDBC2814641 | TRANSISTOR | DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q301 | BDBC3121000 | TRANSISTOR | DB-724 2SC3121 TE85L | 1 | \$ 0.74 |
| Q302 | | | | 1 | \$ 0.74 |
| Q303 | | | | 1 | \$ 0.74 |
| Q304 | | | | 1 | \$ 0.74 |
| Q305 | | | | 1 | \$ 0.74 |
| Q306 | | | | 1 | \$ 0.74 |
| Q308 | BDBC2814641 | TRANSISTOR | DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q311 | BDBA1179643 | TRANSISTOR | DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q312 | | | | 1 | \$ 0.36 |
| Q313 | | | | 1 | \$ 0.36 |
| Q314 | | | | 1 | \$ 0.36 |
| Q315 | BDBC2712124 | TRANSISTOR | DB-381 2SC2712-Y TE85L | 1 | \$ 0.26 |
| Q316 | BDBA1179643 | TRANSISTOR | DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q317 | BDBC2712124 | TRANSISTOR | DB-381 2SC2712-Y TE85L | 1 | \$ 0.26 |
| R001 | BRPB185624Z | RESISTOR:CARBON AXIAL LEAD | 5.6K 1/8W J | 1 | \$ 0.50 |
| R002 | BRPA618224Z | RESISTOR:CARBON AX TS 26 | 8.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R003 | BRPA611024Z | RESISTOR:CARBON AX TS 26 | 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R004 | BRPA611524Z | RESISTOR:CARBON AX TS 26 | 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R006 | BRPA611014Z | RESISTOR:CARBON AX TS 26 | 100 1/6W J TAPING | 1 | \$ 0.04 |
| R007 | BRPB184724Z | RESISTOR:CARBON AXIAL LEAD | 4.7K 1/8W J | 1 | \$ 0.50 |
| R008 | BRPA611014Z | RESISTOR:CARBON AX TS 26 | 100 1/6W J TAPING | 1 | \$ 0.04 |
| R009 | BRPA613324Z | RESISTOR:CARBON AX TS 26 | 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R010 | BRPA613314Z | RESISTOR:CARBON AX TS 26 | 330 1/6W J TAPING | 1 | \$ 0.04 |
| R011 | BRPA611034Z | RESISTOR:CARBON AX TS 26 | 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R012 | BRPA618214Z | RESISTOR:CARBON AX TS 26 | 820 1/6W J TAPING | 1 | \$ 0.04 |
| R013 | BRPA616814Z | RESISTOR:CARBON AX TS 26 | 680 1/6W J TAPING | 1 | \$ 0.04 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| L026 | BLZY0051101 | INDUCTOR:MOLDED LZ-051 SP0305-101K 100UH | 1 | \$ 0.34 |
| L203 | BLFY0125001 | COIL LF-125 332PC-2673Y | 1 | \$ 2.51 |
| L301 | BLEY0246001 | COIL LE-246 D0.6 3 1/2T | 1 | \$ 0.15 |
| L302 | BLBY0684001 | COIL LB-684 L-2M7-T1(R12H807X) | 1 | \$ 1.13 |
| L303 | BLFY0131001 | COIL LF-131 A294SN-1373AQ | 1 | \$ 1.87 |
| L304 | | | 1 | \$ 1.87 |
| L307 | BLZY0051479 | INDUCTOR:MOLDED LZ-051 SP0305-4R7K 4.7UH | 1 | \$ 0.34 |
| L308 | BLZY0051100 | INDUCTOR:MOLDED LZ-051 SP0305-100K 10UH | 1 | \$ 0.34 |
| L310 | BLFY0159001 | COIL LF-159 341LC-1286N | 1 | \$ 2.51 |
| L312 | BLZY0051279 | INDUCTOR:MOLDED LZ-051 SP0305-2R7M 2.7UH | 1 | \$ 0.34 |
| L313 | BLFY0130001 | COIL LF-130 A294SN-1372AQ | 1 | \$ 1.87 |
| L314 | BLFY0131001 | COIL LF-131 A294SN-1373AQ | 1 | \$ 1.87 |
| L315 | BLFY0172001 | COIL LF-172 A294SN-1529IB | 1 | \$ 1.87 |
| L316 | BLZY0044682 | INDUCTOR:MOLDED LZ-044 262LY-682K 6.8MH | 1 | \$ 0.93 |
| L317 | BLBY0686001 | COIL LB-686 L-2M7-T1(R12H806X) | 1 | \$ 1.13 |
| L318 | BLFY0133001 | COIL LF-133 A294SNS-1441IB | 1 | \$ 1.87 |
| L319 | BLFY0158001 | COIL LF-158 341LC-1282FQZ | 1 | \$ 2.51 |
| L401 | BLFY0072001 | COIL LF-072 5PLC-1055Z | 1 | \$ 2.09 |
| L651 | BLZY0051471 | INDUCTOR:MOLDED LZ-051 SP0305-471K 470UH | 1 | \$ 0.34 |
| L652 | | | 1 | \$ 0.34 |
| L653 | | | 1 | \$ 0.34 |
| Q001 | BDBC1674111 | TRANSISTOR DB-295 2SC1674-L | 1 | \$ 0.21 |
| Q002 | BDCB0192533 | FIELD EFFECT TRANSISTOR DC-019 2SK192A-BL | 1 | \$ 0.64 |
| Q003 | BDBC1674111 | TRANSISTOR DB-295 2SC1674-L | 1 | \$ 0.21 |
| Q004 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q005 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q006 | | | 1 | \$ 0.19 |
| Q007 | BDBC1730111 | TRANSISTOR DB-269 2SC1730-L | 1 | \$ 0.49 |
| Q008 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q009 | | | 1 | \$ 0.17 |
| Q010 | | | 1 | \$ 0.17 |
| Q011 | | | 1 | \$ 0.17 |
| Q012 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q013 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q014 | | | 1 | \$ 0.17 |
| Q015 | | | 1 | \$ 0.17 |
| Q016 | | | 1 | \$ 0.17 |
| Q017 | BDBA0733541 | TRANSISTOR DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q018 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q019 | | | 1 | \$ 0.17 |
| Q020 | BDBA0733541 | TRANSISTOR DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q021 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q022 | BDBC1675111 | TRANSISTOR DB-259 2SC1675-L | 1 | \$ 0.19 |
| Q023 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| Q024 | BDBA0733541 | TRANSISTOR DB-027 2SA733A-PB | 1 | \$ 0.19 |
| Q025 | | | 1 | \$ 0.19 |
| Q026 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q027 | BDBB0525104 | TRANSISTOR DB-106 2SB525-D UNI | 1 | \$ 0.71 |
| Q028 | BDBC3242536 | TRANSISTOR DB-383 2SC3242A-E | 1 | \$ 0.81 |
| Q029 | BDBC0945507 | TRANSISTOR DB-224 2SC945A-Q | 1 | \$ 0.17 |
| Q030 | | | 1 | \$ 0.17 |
| Q031 | BDBC2086104 | TRANSISTOR DB-228 2SC2086-D | 1 | \$ 2.19 |
| Q032 | BDBZ0529001 | TRANSISTOR DB-529 MRF-477 | 1 | \$ 52.64 |
| Q033 | BDBC2166103 | TRANSISTOR DB-331 2SC2166-C | 1 | \$ 5.02 |
| Q034 | BDBC1973315 | TRANSISTOR DB-272 2SC1973-SSB | 1 | \$ 3.25 |
| Q201 | BDBC2814641 | TRANSISTOR DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q202 | | | 1 | \$ 0.40 |
| Q203 | | | 1 | \$ 0.40 |
| Q204 | BDBC2812642 | TRANSISTOR DB-743 2SC2812-L5 TA | 1 | \$ 0.32 |
| Q205 | | | 1 | \$ 0.32 |
| Q206 | BDBA1179643 | TRANSISTOR DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q207 | BDBC2814641 | TRANSISTOR DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q301 | BDBC3121000 | TRANSISTOR DB-724 2SC3121 TE85L | 1 | \$ 0.74 |
| Q302 | | | 1 | \$ 0.74 |
| Q303 | | | 1 | \$ 0.74 |
| Q304 | | | 1 | \$ 0.74 |
| Q305 | | | 1 | \$ 0.74 |
| Q306 | | | 1 | \$ 0.74 |
| Q308 | BDBC2814641 | TRANSISTOR DB-744 2SC2814-F5 TA | 1 | \$ 0.40 |
| Q311 | BDBA1179643 | TRANSISTOR DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q312 | | | 1 | \$ 0.36 |
| Q313 | | | 1 | \$ 0.36 |
| Q314 | | | 1 | \$ 0.36 |
| Q315 | BDBC2712124 | TRANSISTOR DB-381 2SC2712-Y TE85L | 1 | \$ 0.26 |
| Q316 | BDBA1179643 | TRANSISTOR DB-048 2SA1179-M6 TA | 1 | \$ 0.36 |
| Q317 | BDBC2712124 | TRANSISTOR DB-381 2SC2712-Y TE85L | 1 | \$ 0.26 |
| R001 | BRPB185624Z | RESISTOR:CARBON AXIAL LEAD 5.6K 1/8W J | 1 | \$ 0.50 |
| R002 | BRPA618224Z | RESISTOR:CARBON AX TS 26 8.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R003 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R004 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R006 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R007 | BRPB184724Z | RESISTOR:CARBON AXIAL LEAD 4.7K 1/8W J | 1 | \$ 0.50 |
| R008 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R009 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R010 | BRPA613314Z | RESISTOR:CARBON AX TS 26 330 1/6W J TAPING | 1 | \$ 0.04 |
| R011 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R012 | BRPA618214Z | RESISTOR:CARBON AX TS 26 820 1/6W J TAPING | 1 | \$ 0.04 |
| R013 | BRPA616814Z | RESISTOR:CARBON AX TS 26 680 1/6W J TAPING | 1 | \$ 0.04 |

| SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|---------|--------------|---|-------|--------------|
| R014 | BRPA618224Z | RESISTOR:CARBON AX TS 26 8.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R015 | BRPA612234Z | RESISTOR:CARBON AX TS 26 22K 1/6W J TAPING | 1 | \$ 0.04 |
| R018 | BRPA615624Z | RESISTOR:CARBON AX TS 26 5.6K 1/6W J TAPING | 1 | \$ 0.04 |
| R019 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R020 | BRPA615624Z | RESISTOR:CARBON AX TS 26 5.6K 1/6W J TAPING | 1 | \$ 0.04 |
| R021 | BRPA615614Z | RESISTOR:CARBON AX TS 26 560 1/6W J TAPING | 1 | \$ 0.04 |
| R022 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R023 | BRPA616814Z | RESISTOR:CARBON AX TS 26 680 1/6W J TAPING | 1 | \$ 0.04 |
| R024 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R025 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R026 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R027 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R028 | BRPA612714Z | RESISTOR:CARBON AX TS 26 270 1/6W J TAPING | 1 | \$ 0.04 |
| R029 | BRPA611514Z | RESISTOR:CARBON AX TS 26 150 1/6W J TAPING | 1 | \$ 0.04 |
| R030 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R031 | BRPA616804Z | RESISTOR:CARBON AX TS 26 68 1/6W J TAPING | 1 | \$ 0.04 |
| R032 | BRPA612224Z | RESISTOR:CARBON AX TS 26 2.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R033 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R034 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R035 | BRPA611044Z | RESISTOR:CARBON AX TS 26 100K 1/6W J TAPING | 1 | \$ 0.04 |
| R036 | | | 1 | \$ 0.04 |
| R037 | | | 1 | \$ 0.04 |
| R038 | | | 1 | \$ 0.04 |
| R040 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R041 | BRPA611544Z | RESISTOR:CARBON AX TS 26 150K 1/6W J TAPING | 1 | \$ 0.04 |
| R042 | BRPA615644Z | RESISTOR:CARBON AX TS 26 560K 1/6W J TAPING | 1 | \$ 0.04 |
| R043 | BRPA611044Z | RESISTOR:CARBON AX TS 26 100K 1/6W J TAPING | 1 | \$ 0.04 |
| R044 | BRPA612234Z | RESISTOR:CARBON AX TS 26 22K 1/6W J TAPING | 1 | \$ 0.04 |
| R045 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R046 | BRPB182234Z | RESISTOR:CARBON AXIAL LEAD 22K 1/8W J | 1 | \$ 0.50 |
| R047 | BRPA612254Z | RESISTOR:CARBON AX TS 26 2.2M 1/6W J TAPING | 1 | \$ 0.04 |
| R048 | BRPA611044Z | RESISTOR:CARBON AX TS 26 100K 1/6W J TAPING | 1 | \$ 0.04 |
| R049 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R050 | BRPB183944Z | RESISTOR:CARBON AXIAL LEAD 390K 1/8W J | 1 | \$ 0.50 |
| R051 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R052 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R053 | | | 1 | \$ 0.04 |
| R054 | BRPA611044Z | RESISTOR:CARBON AX TS 26 100K 1/6W J TAPING | 1 | \$ 0.04 |
| R055 | | | 1 | \$ 0.04 |
| R056 | BRPA616834Z | RESISTOR:CARBON AX TS 26 68K 1/6W J TAPING | 1 | \$ 0.04 |
| R057 | BRPA611054Z | RESISTOR:CARBON AX TS 26 1M 1/6W J TAPING | 1 | \$ 0.04 |
| R058 | BRPA616834Z | RESISTOR:CARBON AX TS 26 68K 1/6W J TAPING | 1 | \$ 0.04 |
| R059 | BRPA613344Z | RESISTOR:CARBON AX TS 26 330K 1/6W J TAPING | 1 | \$ 0.04 |
| R060 | BRPA615614Z | RESISTOR:CARBON AX TS 26 560 1/6W J TAPING | 1 | \$ 0.04 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---|-------|--------------|
| R061 | BRPB183324Z | RESISTOR:CARBON AXIAL LEAD 3.3K 1/8W J | 1 | \$ 0.50 |
| R062 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R063 | BRPA613934Z | RESISTOR:CARBON AX TS 26 39K 1/6W J TAPING | 1 | \$ 0.04 |
| R064 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R065 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R066 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R067 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R068 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R069 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R070 | BRPA613924Z | RESISTOR:CARBON AX TS 26 3.9K 1/6W J TAPING | 1 | \$ 0.04 |
| R071 | BRPA612224Z | RESISTOR:CARBON AX TS 26 2.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R072 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R073 | BRPA613314Z | RESISTOR:CARBON AX TS 26 330 1/6W J TAPING | 1 | \$ 0.04 |
| R074 | BRPA611514Z | RESISTOR:CARBON AX TS 26 150 1/6W J TAPING | 1 | \$ 0.04 |
| R075 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R076 | BRPA611544Z | RESISTOR:CARBON AX TS 26 150K 1/6W J TAPING | 1 | \$ 0.04 |
| R077 | BRPA612744Z | RESISTOR:CARBON AX TS 26 270K 1/6W J TAPING | 1 | \$ 0.04 |
| R078 | BRPA611554Z | RESISTOR:CARBON AX TS 26 1.5M 1/6W J TAPING | 1 | \$ 0.04 |
| R079 | BRPA613924Z | RESISTOR:CARBON AX TS 26 3.9K 1/6W J TAPING | 1 | \$ 0.04 |
| R080 | BRPA611044Z | RESISTOR:CARBON AX TS 26 100K 1/6W J TAPING | 1 | \$ 0.04 |
| R081 | BRPA618234Z | RESISTOR:CARBON AX TS 26 82K 1/6W J TAPING | 1 | \$ 0.04 |
| R082 | BRPA616834Z | RESISTOR:CARBON AX TS 26 68K 1/6W J TAPING | 1 | \$ 0.04 |
| R083 | BRPA612734Z | RESISTOR:CARBON AX TS 26 27K 1/6W J TAPING | 1 | \$ 0.04 |
| R084 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R085 | BRPA614744Z | RESISTOR:CARBON AX TS 26 470K 1/6W J TAPING | 1 | \$ 0.04 |
| R086 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R087 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R088 | BRPA612734Z | RESISTOR:CARBON AX TS 26 27K 1/6W J TAPING | 1 | \$ 0.04 |
| R089 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R090 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R091 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R092 | BRPA615604Z | RESISTOR:CARBON AX TS 26 56 1/6W J TAPING | 1 | \$ 0.04 |
| R093 | BRPA612224Z | RESISTOR:CARBON AX TS 26 2.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R094 | BRPA614724Z | RESISTOR:CARBON AX TS 26 4.7K 1/6W J TAPING | 1 | \$ 0.04 |
| R095 | | | 1 | \$ 0.04 |
| R097 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R099 | BRPA615614Z | RESISTOR:CARBON AX TS 26 560 1/6W J TAPING | 1 | \$ 0.04 |
| R100 | BRPB183324Z | RESISTOR:CARBON AXIAL LEAD 3.3K 1/8W J | 1 | \$ 0.50 |
| R102 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R103 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R104 | BRPA614744Z | RESISTOR:CARBON AX TS 26 470K 1/6W J TAPING | 1 | \$ 0.04 |
| R105 | BRPA614714Z | RESISTOR:CARBON AX TS 26 470 1/6W J TAPING | 1 | \$ 0.04 |
| R106 | BRPA615624Z | RESISTOR:CARBON AX TS 26 5.6K 1/6W J TAPING | 1 | \$ 0.04 |
| R107 | BRPA612234Z | RESISTOR:CARBON AX TS 26 22K 1/6W J TAPING | 1 | \$ 0.04 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | | | | (QTY) | (LIST PRICE) |
|----------|--------------|-----------------|------------|-------------|--------|-------|--------------|
| R108 | BRPA614714Z | RESISTOR:CARBON | AX TS 26 | 470 1/6W J | TAPING | 1 | \$ 0.04 |
| R109 | BRPA611524Z | RESISTOR:CARBON | AX TS 26 | 1.5K 1/6W J | TAPING | 1 | \$ 0.04 |
| R110 | BRPA612224Z | RESISTOR:CARBON | AX TS 26 | 2.2K 1/6W J | TAPING | 1 | \$ 0.04 |
| R111 | | | | | | 1 | \$ 0.04 |
| R112 | BRPA611024Z | RESISTOR:CARBON | AX TS 26 | 1K 1/6W J | TAPING | 1 | \$ 0.04 |
| R113 | BRPA611034Z | RESISTOR:CARBON | AX TS 26 | 10K 1/6W J | TAPING | 1 | \$ 0.04 |
| R114 | BRPA612224Z | RESISTOR:CARBON | AX TS 26 | 2.2K 1/6W J | TAPING | 1 | \$ 0.04 |
| R115 | BRPA611014Z | RESISTOR:CARBON | AX TS 26 | 100 1/6W J | TAPING | 1 | \$ 0.04 |
| R116 | BRPA614714Z | RESISTOR:CARBON | AX TS 26 | 470 1/6W J | TAPING | 1 | \$ 0.04 |
| R117 | BRPB181834Z | RESISTOR:CARBON | AXIAL LEAD | 18K 1/8W J | | 1 | \$ 0.03 |
| R118 | BRPA611524Z | RESISTOR:CARBON | AX TS 26 | 1.5K 1/6W J | TAPING | 1 | \$ 0.04 |
| R119 | BRPA615624Z | RESISTOR:CARBON | AX TS 26 | 5.6K 1/6W J | TAPING | 1 | \$ 0.04 |
| R120 | BRPA611524Z | RESISTOR:CARBON | AX TS 26 | 1.5K 1/6W J | TAPING | 1 | \$ 0.04 |
| R121 | BRPA613324Z | RESISTOR:CARBON | AX TS 26 | 3.3K 1/6W J | TAPING | 1 | \$ 0.04 |
| R122 | | | | | | 1 | \$ 0.04 |
| R123 | BRPA618214Z | RESISTOR:CARBON | AX TS 26 | 820 1/6W J | TAPING | 1 | \$ 0.04 |
| R124 | BRPB181024Z | RESISTOR:CARBON | AXIAL LEAD | 1K 1/8W J | | 1 | \$ 0.50 |
| R125 | BRPA611034Z | RESISTOR:CARBON | AX TS 26 | 10K 1/6W J | TAPING | 1 | \$ 0.04 |
| R126 | BRPA614734Z | RESISTOR:CARBON | AX TS 26 | 47K 1/6W J | TAPING | 1 | \$ 0.04 |
| R127 | | | | | | 1 | \$ 0.04 |
| R128 | BRPA614724Z | RESISTOR:CARBON | AX TS 26 | 4.7K 1/6W J | TAPING | 1 | \$ 0.04 |
| R129 | BRPA614734Z | RESISTOR:CARBON | AX TS 26 | 47K 1/6W J | TAPING | 1 | \$ 0.04 |
| R130 | BRPA612224Z | RESISTOR:CARBON | AX TS 26 | 2.2K 1/6W J | TAPING | 1 | \$ 0.04 |
| R131 | BRPA614734Z | RESISTOR:CARBON | AX TS 26 | 47K 1/6W J | TAPING | 1 | \$ 0.04 |
| R132 | BRPA611514Z | RESISTOR:CARBON | AX TS 26 | 150 1/6W J | TAPING | 1 | \$ 0.04 |
| R133 | BRPA614724Z | RESISTOR:CARBON | AX TS 26 | 4.7K 1/6W J | TAPING | 1 | \$ 0.04 |
| R134 | | | | | | 1 | \$ 0.04 |
| R135 | BRPA612244Z | RESISTOR:CARBON | AX TS 26 | 220K 1/6W J | TAPING | 1 | \$ 0.04 |
| R136 | BRPA614734Z | RESISTOR:CARBON | AX TS 26 | 47K 1/6W J | TAPING | 1 | \$ 0.04 |
| R137 | BRPA613334Z | RESISTOR:CARBON | AX TS 26 | 33K 1/6W J | TAPING | 1 | \$ 0.04 |
| R138 | BRPA614724Z | RESISTOR:CARBON | AX TS 26 | 4.7K 1/6W J | TAPING | 1 | \$ 0.04 |
| R139 | BRPA618224Z | RESISTOR:CARBON | AX TS 26 | 8.2K 1/6W J | TAPING | 1 | \$ 0.04 |
| R140 | BRPA615614Z | RESISTOR:CARBON | AX TS 26 | 560 1/6W J | TAPING | 1 | \$ 0.04 |
| R142 | BRPB181834Z | RESISTOR:CARBON | AXIAL LEAD | 18K 1/8W J | | 1 | \$ 0.03 |
| R143 | BRPA611094Z | RESISTOR:CARBON | AX TS 26 | 1 1/6W J | TAPING | 1 | \$ 0.04 |
| R144 | BRPA611044Z | RESISTOR:CARBON | AX TS 26 | 100K 1/6W J | TAPING | 1 | \$ 0.04 |
| R145 | BRPA611814Z | RESISTOR:CARBON | AX TS 26 | 180 1/6W J | TAPING | 1 | \$ 0.04 |
| R146 | BRPB182734Z | RESISTOR:CARBON | AXIAL LEAD | 27K 1/8W J | | 1 | \$ 0.50 |
| R147 | BRPA612234Z | RESISTOR:CARBON | AX TS 26 | 22K 1/6W J | TAPING | 1 | \$ 0.04 |
| R150 | BRPA611234Z | RESISTOR:CARBON | AX TS 26 | 12K 1/6W J | TAPING | 1 | \$ 0.04 |
| R153 | BRPA613304Z | RESISTOR:CARBON | AX TS 26 | 33 1/6W J | TAPING | 1 | \$ 0.04 |
| R155 | BRPA611034Z | RESISTOR:CARBON | AX TS 26 | 10K 1/6W J | TAPING | 1 | \$ 0.04 |
| R156 | BRPB183324Z | RESISTOR:CARBON | AXIAL LEAD | 3.3K 1/8W J | | 1 | \$ 0.50 |
| R157 | BRPA611004Z | RESISTOR:CARBON | AX TS 26 | 10 1/6W J | TAPING | 1 | \$ 0.04 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| R158 | BRPB128204Z | RESISTOR:CARBON AXIAL LEAD 82 1/2W J | 1 | \$ 0.07 |
| R159 | BRPA613314Z | RESISTOR:CARBON AX TS 26 330 1/6W J TAPING | 1 | \$ 0.04 |
| R160 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R161 | BRPA614704Z | RESISTOR:CARBON AX TS 26 47 1/6W J TAPING | 1 | \$ 0.04 |
| R162 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R163 | BRPA611204Z | RESISTOR:CARBON AX TS 26 12 1/6W J TAPING | 1 | \$ 0.04 |
| R164 | BRPA611514Z | RESISTOR:CARBON AX TS 26 150 1/6W J TAPING | 1 | \$ 0.04 |
| R165 | BRPA613314Z | RESISTOR:CARBON AX TS 26 330 1/6W J TAPING | 1 | \$ 0.04 |
| R166 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R167 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R168 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R169 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R170 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R171 | BRPA611014Z | RESISTOR:CARBON AX TS 26 100 1/6W J TAPING | 1 | \$ 0.04 |
| R172 | | | 1 | \$ 0.04 |
| R173 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R174 | BRPA615634Z | RESISTOR:CARBON AX TS 26 56K 1/6W J TAPING | 1 | \$ 0.04 |
| R175 | BRPA613304Z | RESISTOR:CARBON AX TS 26 33 1/6W J TAPING | 1 | \$ 0.04 |
| R176 | BRPA614714Z | RESISTOR:CARBON AX TS 26 470 1/6W J TAPING | 1 | \$ 0.04 |
| R177 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R178 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R180 | BRPA614704Z | RESISTOR:CARBON AX TS 26 47 1/6W J TAPING | 1 | \$ 0.04 |
| R181 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R182 | BRPB182214Z | RESISTOR:CARBON AXIAL LEAD 220 1/8W J | 1 | \$ 0.50 |
| R183 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R184 | BRPA612224Z | RESISTOR:CARBON AX TS 26 2.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R185 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R186 | BRPA614734Z | RESISTOR:CARBON AX TS 26 47K 1/6W J TAPING | 1 | \$ 0.04 |
| R187 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R188 | | | 1 | \$ 0.04 |
| R189 | | | 1 | \$ 0.04 |
| R190 | BRPA613334Z | RESISTOR:CARBON AX TS 26 33K 1/6W J TAPING | 1 | \$ 0.04 |
| R192 | BRPA613324Z | RESISTOR:CARBON AX TS 26 3.3K 1/6W J TAPING | 1 | \$ 0.04 |
| R193 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R194 | | AX TS 4.7K 1/6W TAPING | 1 | \$ 0.50 |
| R195 | BRPA614724Z | RESISTOR:CARBON AX TS 26 4.7K 1/6W J TAPING | 1 | \$ 0.04 |
| R198 | BRPA612234Z | RESISTOR:CARBON AX TS 26 22K 1/6W J TAPING | 1 | \$ 0.04 |
| R201 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R202 | BRFD182214Z | RESISTOR:CARBON MELF CHIP 220 1/8W J TAPING | 1 | \$ 0.05 |
| R203 | BRFD183334Z | RESISTOR:CARBON MELF CHIP 33K 1/8W J TAPING | 1 | \$ 0.05 |
| R204 | BRFD186814Z | RESISTOR:CARBON MELF CHIP 680 1/8W J TAPING | 1 | \$ 0.05 |
| R205 | BRFD181014Z | RESISTOR:CARBON MELF CHIP 100 1/8W J TAPING | 1 | \$ 0.05 |
| R206 | BRFD184734Z | RESISTOR:CARBON MELF CHIP 47K 1/8W J TAPING | 1 | \$ 0.05 |
| R207 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| R208 | BRFD183314Z | RESISTOR:CARBON MELF CHIP 330 1/8W J TAPING | 1 | \$ 0.05 |
| R209 | | | 1 | \$ 0.05 |
| R211 | BRFD186804Z | RESISTOR:CARBON MELF CHIP 68 1/8W J TAPING | 1 | \$ 0.05 |
| R212 | BRPB181044Z | RESISTOR:CARBON AXIAL LEAD 100K 1/8W J | 1 | \$ 0.50 |
| R213 | BRZY0025001 | JUMPER CHIP RZ-025 MRD18S TAPING | 1 | \$ 0.07 |
| R214 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R215 | | | 1 | \$ 0.05 |
| R216 | BRFD184744Z | RESISTOR:CARBON MELF CHIP 470K 1/8W J TAPING | 1 | \$ 0.05 |
| R217 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R218 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R219 | BRFD183314Z | RESISTOR:CARBON MELF CHIP 330 1/8W J TAPING | 1 | \$ 0.05 |
| R221 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R222 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R223 | BRZY0025001 | JUMPER CHIP RZ-025 MRD18S TAPING | 1 | \$ 0.07 |
| R301 | BRFC181064Z | RESISTOR:CARBON FIXED CHIP 10M 1/8W J TAPING | 1 | \$ 0.05 |
| R302 | BRFD181534Z | RESISTOR:CARBON MELF CHIP 15K 1/8W J TAPING | 1 | \$ 0.05 |
| R303 | | | 1 | \$ 0.05 |
| R304 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R305 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R306 | | | 1 | \$ 0.05 |
| R307 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R308 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R309 | BRPB183324Z | RESISTOR:CARBON AXIAL LEAD 3.3K 1/8W J | 1 | \$ 0.50 |
| R310 | BRFD183314Z | RESISTOR:CARBON MELF CHIP 330 1/8W J TAPING | 1 | \$ 0.05 |
| R311 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R312 | | | 1 | \$ 0.05 |
| R313 | BRFD181534Z | RESISTOR:CARBON MELF CHIP 15K 1/8W J TAPING | 1 | \$ 0.05 |
| R314 | BRFD186814Z | RESISTOR:CARBON MELF CHIP 680 1/8W J TAPING | 1 | \$ 0.05 |
| R315 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R316 | BRFD181234Z | RESISTOR:CARBON MELF CHIP 12K 1/8W J TAPING | 1 | \$ 0.05 |
| R317 | BRPB181034Z | RESISTOR:CARBON AXIAL LEAD 10K 1/8W J | 1 | \$ 0.03 |
| R318 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R319 | BRFD181014Z | RESISTOR:CARBON MELF CHIP 100 1/8W J TAPING | 1 | \$ 0.05 |
| R320 | BRFD183314Z | RESISTOR:CARBON MELF CHIP 330 1/8W J TAPING | 1 | \$ 0.05 |
| R321 | BRPB183314Z | RESISTOR:CARBON AXIAL LEAD 330 1/8W J | 1 | \$ 0.50 |
| R322 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R323 | BRPB181544Z | RESISTOR:CARBON AXIAL LEAD 150K 1/8W J | 1 | \$ 0.03 |
| R324 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R325 | BRZY0025001 | JUMPER CHIP RZ-025 MRD18S TAPING | 1 | \$ 0.07 |
| R326 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R327 | BRFD182234Z | RESISTOR:CARBON MELF CHIP 22K 1/8W J TAPING | 1 | \$ 0.05 |
| R328 | BRPB181024Z | RESISTOR:CARBON AXIAL LEAD 1K 1/8W J | 1 | \$ 0.50 |
| R329 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R331 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| R332 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R333 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R334 | | | 1 | \$ 0.05 |
| R335 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R336 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R337 | | | 1 | \$ 0.05 |
| R338 | BRFD182234Z | RESISTOR:CARBON MELF CHIP 22K 1/8W J TAPING | 1 | \$ 0.05 |
| R339 | BRFD181814Z | RESISTOR:CARBON MELF CHIP 180 1/8W J TAPING | 1 | \$ 0.05 |
| R341 | | | 1 | \$ 0.05 |
| R342 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R343 | BRFD182214Z | RESISTOR:CARBON MELF CHIP 220 1/8W J TAPING | 1 | \$ 0.05 |
| R344 | BRFD184724Z | RESISTOR:CARBON MELF CHIP 4.7K 1/8W J TAPING | 1 | \$ 0.05 |
| R345 | BRFD185624Z | RESISTOR:CARBON MELF CHIP 5.6K 1/8W J TAPING | 1 | \$ 0.05 |
| R346 | BRFD186814Z | RESISTOR:CARBON MELF CHIP 680 1/8W J TAPING | 1 | \$ 0.05 |
| R347 | BRPA611524Z | RESISTOR:CARBON AX TS 26 1.5K 1/6W J TAPING | 1 | \$ 0.04 |
| R348 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R349 | BRFD181814Z | RESISTOR:CARBON MELF CHIP 180 1/8W J TAPING | 1 | \$ 0.05 |
| R351 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |
| R352 | BRFD181814Z | RESISTOR:CARBON MELF CHIP 180 1/8W J TAPING | 1 | \$ 0.05 |
| R353 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R354 | BRPB184724Z | RESISTOR:CARBON AXIAL LEAD 4.7K 1/8W J | 1 | \$ 0.50 |
| R355 | BRZY0025001 | JUMPER CHIP RZ-025 MRD18S TAPING | 1 | \$ 0.07 |
| R356 | BRPA611034Z | RESISTOR:CARBON AX TS 26 10K 1/6W J TAPING | 1 | \$ 0.04 |
| R357 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R358 | BRFD184724Z | RESISTOR:CARBON MELF CHIP 4.7K 1/8W J TAPING | 1 | \$ 0.05 |
| R359 | BRFD181224Z | RESISTOR:CARBON MELF CHIP 1.2K 1/8W J TAPING | 1 | \$ 0.05 |
| R360 | BRFD186834Z | RESISTOR:CARBON MELF CHIP 68K 1/8W J TAPING | 1 | \$ 0.05 |
| R361 | BRFD181224Z | RESISTOR:CARBON MELF CHIP 1.2K 1/8W J TAPING | 1 | \$ 0.05 |
| R362 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R363 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R364 | BRFD182734Z | RESISTOR:CARBON MELF CHIP 27K 1/8W J TAPING | 1 | \$ 0.05 |
| R365 | BRPA613934Z | RESISTOR:CARBON AX TS 26 39K 1/6W J TAPING | 1 | \$ 0.04 |
| R366 | BRFD183324Z | RESISTOR:CARBON MELF CHIP 3.3K 1/8W J TAPING | 1 | \$ 0.05 |
| R370 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |
| R371 | BRFD182224Z | RESISTOR:CARBON MELF CHIP 2.2K 1/8W J TAPING | 1 | \$ 0.05 |
| R373 | BRFD184734Z | RESISTOR:CARBON MELF CHIP 47K 1/8W J TAPING | 1 | \$ 0.05 |
| R374 | BRFD181044Z | RESISTOR:CARBON MELF CHIP 100K 1/8W J TAPING | 1 | \$ 0.05 |
| R375 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R376 | | | 1 | \$ 0.05 |
| R377 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R378 | BRFD188234Z | RESISTOR:CARBON MELF CHIP 82K 1/8W J TAPING | 1 | \$ 0.05 |
| R379 | BRFD181044Z | RESISTOR:CARBON MELF CHIP 100K 1/8W J TAPING | 1 | \$ 0.05 |
| R381 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R382 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| R383 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R384 | | | 1 | \$ 0.05 |
| R385 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R387 | | | 1 | \$ 0.05 |
| R392 | BRFD184724Z | RESISTOR:CARBON MELF CHIP 4.7K 1/8W J TAPING | 1 | \$ 0.05 |
| R393 | BRFD184714Z | RESISTOR:CARBON MELF CHIP 470 1/8W J TAPING | 1 | \$ 0.05 |
| R394 | BRFD186814Z | RESISTOR:CARBON MELF CHIP 680 1/8W J TAPING | 1 | \$ 0.05 |
| R395 | BRFD186824Z | RESISTOR:CARBON MELF CHIP 6.8K 1/8W J TAPING | 1 | \$ 0.05 |
| R396 | BRFD181824Z | RESISTOR:CARBON MELF CHIP 1.8K 1/8W J TAPING | 1 | \$ 0.05 |
| R402 | BRZY0025001 | JUMPER CHIP RZ-025 MRD18S TAPING | 1 | \$ 0.07 |
| R403 | | | 1 | \$ 0.07 |
| R405 | BRFD181024Z | RESISTOR:CARBON MELF CHIP 1K 1/8W J TAPING | 1 | \$ 0.05 |
| R409 | BRFD181004Z | RESISTOR:CARBON MELF CHIP 10 1/8W J TAPING | 1 | \$ 0.05 |
| R411 | BRFD182224Z | RESISTOR:CARBON MELF CHIP 2.2K 1/8W J TAPING | 1 | \$ 0.05 |
| R412 | | | 1 | \$ 0.05 |
| R413 | BRFD184734Z | RESISTOR:CARBON MELF CHIP 47K 1/8W J TAPING | 1 | \$ 0.05 |
| R414 | BRFD186834Z | RESISTOR:CARBON MELF CHIP 68K 1/8W J TAPING | 1 | \$ 0.05 |
| R415 | BRFD181014Z | RESISTOR:CARBON MELF CHIP 100 1/8W J TAPING | 1 | \$ 0.05 |
| R416 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R443 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |
| R444 | BRFD181054Z | RESISTOR:CARBON MELF CHIP 1M 1/8W J TAPING | 1 | \$ 0.05 |
| R445 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 1.5K 1/8W J TAPING | 1 | \$ 0.05 |
| R451 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R456 | | | 1 | \$ 0.05 |
| R457 | | | 1 | \$ 0.05 |
| R458 | | | 1 | \$ 0.05 |
| R459 | | | 1 | \$ 0.05 |
| R461 | | | 1 | \$ 0.05 |
| R462 | | | 1 | \$ 0.05 |
| R463 | | | 1 | \$ 0.05 |
| R464 | | | 1 | \$ 0.05 |
| R465 | | | 1 | \$ 0.05 |
| R466 | | | 1 | \$ 0.05 |
| R472 | BRFD181054Z | RESISTOR:CARBON MELF CHIP 1M 1/8W J TAPING | 1 | \$ 0.05 |
| R478 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R481 | | | 1 | \$ 0.05 |
| R482 | BRFD184724Z | RESISTOR:CARBON MELF CHIP 4.7K 1/8W J TAPING | 1 | \$ 0.05 |
| R483 | | | 1 | \$ 0.05 |
| R484 | | | 1 | \$ 0.05 |
| R485 | | | 1 | \$ 0.05 |
| R486 | | | 1 | \$ 0.05 |
| R487 | | | 1 | \$ 0.05 |
| R488 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R489 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| R491 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R492 | | | 1 | \$ 0.05 |
| R493 | BRFD181524Z | RESISTOR:CARBON MELF CHIP 2.2K 1/8W J TAPING | 1 | \$ 0.05 |
| R494 | BRFD181034Z | RESISTOR:CARBON MELF CHIP 10K 1/8W J TAPING | 1 | \$ 0.05 |
| R496 | | | 1 | \$ 0.05 |
| R501 | BRLB612344Z | RESISTOR:CARBON FORMED VERT 220K 1/6W J | 1 | \$ 0.04 |
| R502 | BRUB611034Z | RESISTOR:CARBON FORMED VERT 10K 1/6W J | 1 | \$ 0.04 |
| R504 | | | 1 | \$ 0.04 |
| R505 | | | 1 | \$ 0.04 |
| R506 | BRUB612734Z | RESISTOR:CARBON FORMED VERT 27K 1/6W J | 1 | \$ 0.04 |
| R507 | BRUB615604Z | RESISTOR:CARBON FORMED VERT 56 1/6W J | 1 | \$ 0.04 |
| R508 | BRUB614734Z | RESISTOR:CARBON FORMED VERT 47K 1/6W J | 1 | \$ 0.04 |
| R509 | BRUB611034Z | RESISTOR:CARBON FORMED VERT 10K 1/6W J | 1 | \$ 0.04 |
| R551 | BRPA612214Z | RESISTOR:CARBON AX TS 26 220 1/6W J TAPING | 1 | \$ 0.04 |
| R552 | BRPA611514Z | RESISTOR:CARBON AX TS 26 150 1/6W J TAPING | 1 | \$ 0.04 |
| R601 | BRPA614704Z | RESISTOR:CARBON AX TS 26 47 1/6W J TAPING | 1 | \$ 0.04 |
| R602 | BRPA611514Z | RESISTOR:CARBON AX TS 26 150 1/6W J TAPING | 1 | \$ 0.04 |
| R603 | BRPA614704Z | RESISTOR:CARBON AX TS 26 47 1/6W J TAPING | 1 | \$ 0.04 |
| R801 | BRPA612224Z | RESISTOR:CARBON AX TS 26 2.2K 1/6W J TAPING | 1 | \$ 0.04 |
| R802 | BRPA611024Z | RESISTOR:CARBON AX TS 26 1K 1/6W J TAPING | 1 | \$ 0.04 |
| R803 | | | 1 | \$ 0.04 |
| R804 | BRPA615624Z | RESISTOR:CARBON AX TS 26 5.6K 1/6W J TAPING | 1 | \$ 0.04 |
| R805 | BRPA614724Z | RESISTOR:CARBON AX TS 26 4.7K 1/6W J TAPING | 1 | \$ 0.04 |
| S301 | BSWY0650001 | SWITCH SW-650 | 1 | \$ 4.21 |
| S601 | BSWY0549001 | SWITCH:PUSH SW-549 PXG22-01 | 1 | \$ 2.37 |
| S602 | | | 1 | \$ 2.37 |
| S603 | BSWY0629001 | SWITCH:PUSH SW-629 | 1 | \$ 2.26 |
| S604 | | | 1 | \$ 2.26 |
| S605 | | | 1 | \$ 2.26 |
| S606 | | | 1 | \$ 2.26 |
| S607 | BSWY0549001 | SWITCH:PUSH SW-549 PXG22-01 | 1 | \$ 2.37 |
| S608 | | | 1 | \$ 2.37 |
| S609 | | | 1 | \$ 2.37 |
| S611 | BSWY0560001 | SWITCH:TACT SW-560 SKHJAB | 1 | \$ 1.29 |
| S612 | | | 1 | \$ 1.29 |
| S801 | BSWY0549001 | SWITCH:PUSH SW-549 PXG22-01 | 1 | \$ 2.37 |
| S802 | | | 1 | \$ 2.37 |
| S901 | BSRY0404001 | SWITCH:ROTARY SR-404 USW-0460 | 1 | \$ 9.61 |
| S911 | BSRY0405001 | SWITCH:ROTARY SR-405 USW-0461 | 1 | \$ 10.18 |
| T001 | BTFY0380001 | TRANS:AF CHOKE TF-380 | 1 | \$ 2.18 |
| | CUHH003041Z | WIRE UL 1007 #26 10- 30- 3 GRY | 1 | \$ 0.04 |
| | CUHG008044Z | WIRE UL 1007 #26 10- 80-10 VIO | 1 | \$ 0.07 |
| | CUHA012044Z | WIRE UL 1007 #26 10-120-10 BRN | 1 | \$ 0.07 |
| | CUHH010044Z | WIRE UL 1007 #26 10-100-10 GRY | 1 | \$ 0.07 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|---------------------------------------|-------|--------------|
| | CUHF010044Z | WIRE UL 1007 #26 10-100-10 BLU | 1 | \$ 0.07 |
| | CUHD010044Z | WIRE UL 1007 #26 10-100-10 YEL | 1 | \$ 0.07 |
| | CUHG008044Z | WIRE UL 1007 #26 10- 80-10 VIO | 1 | \$ 0.07 |
| | CUHJ010044Z | WIRE UL 1007 #26 10-100-10 WHT | 1 | \$ 0.07 |
| | CUHB012044Z | WIRE UL 1007 #26 10-120-10 RED | 1 | \$ 0.07 |
| | CUHC012044Z | WIRE UL 1007 #26 10-120-10 ORG | 1 | \$ 0.07 |
| | CUHA017044Z | WIRE UL 1007 #26 10-170-10 BRN | 1 | \$ 0.09 |
| | CUHF019044Z | WIRE UL 1007 #26 10-190-10 BLU | 1 | \$ 0.09 |
| | CUHV018044Z | WIRE UL 1007 #26 10-180-10 PNK | 1 | \$ 0.09 |
| | CUHF006021Z | WIRE UL 1007 #26 5- 60- 3 BLU | 1 | \$ 0.03 |
| | CUHB006021Z | WIRE UL 1007 #26 5- 60- 3 RED | 1 | \$ 0.03 |
| | CUHD006021Z | WIRE UL 1007 #26 5- 60- 3 YEL | 1 | \$ 0.03 |
| X001 | BQXY0122002 | CRYSTAL QX-122 10.6975 | 1 | \$ 0.50 |
| X301 | BQXY0122001 | CRYSTAL QX-122 10.2417 | 1 | \$ 0.50 |
| X302 | BQXY0287001 | CRYSTAL QX-287 22.0MHZ | 1 | \$ 9.24 |
| X303 | BQXY0126001 | CRYSTAL QX-126 3.579545MHZ | 1 | \$ 3.42 |
| Y301 | BYYY0548001 | CERAMIC RESONATOR YY-548 CSA2.000MK | 1 | \$ 4.86 |
| FT001 | BFLY0271001 | FILTER FL-271 219SB-302 | 1 | \$ 6.94 |
| FT002 | BFLY0090001 | FILTER:CRYSTAL FL-090 UMF-058(10.695) | 1 | \$ 0.50 |
| FT004 | BFLY0272001 | FILTER FL-272 219SB-303 | 1 | \$ 6.94 |
| FT401 | BFLY0346001 | FILTER FL-346 | 1 | \$ 9.64 |
| FT402 | BFLY0074001 | FILTER:CERAMIC FL-074 CFW455E | 1 | \$ 5.99 |
| IC001 | BDEY0582001 | INTEGRATED CIRCUIT M5223L | 1 | \$ 1.62 |
| IC002 | BDEY0603001 | INTEGRATED CIRCUIT TDA1905 | 1 | \$ 3.37 |
| IC003 | BDEY0130001 | INTEGRATED CIRCUIT AN612 | 1 | \$ 7.28 |
| IC004 | BDEY0218001 | INTEGRATED CIRCUIT NJM4558S | 1 | \$ 1.33 |
| IC005 | BDEY0364001 | INTEGRATED CIRCUIT TA7320P | 1 | \$ 3.69 |
| IC006 | BDEY0924001 | INTEGRATED CIRCUIT L7808CV | 1 | \$ 1.64 |
| IC301 | BDEY1084001 | INTEGRATED CIRCUIT PLL0305A | 1 | \$ 9.68 |
| IC302 | BDEY1020001 | INTEGRATED CIRCUIT SM5152A1 | 1 | \$ 16.84 |
| IC303 | BDEY1108001 | INTEGRATED CIRCUIT M54460L | 1 | \$ 11.34 |
| IC304 | BDEY0132001 | INTEGRATED CIRCUIT S042P | 1 | \$ 3.07 |
| IC305 | | | 1 | \$ 3.07 |
| IC306 | BDEY1110001 | INTEGRATED CIRCUIT NJM3404AS | 1 | \$ 5.27 |
| IC307 | BDEY0218001 | INTEGRATED CIRCUIT NJM4558S | 1 | \$ 1.33 |
| IC311 | BDEY0996001 | INTEGRATED CIRCUIT L78M08CV | 1 | \$ 1.53 |
| IC312 | BDEY0995001 | INTEGRATED CIRCUIT L78M05CV | 1 | \$ 1.53 |
| IC313 | BDEY1510001 | INTEGRATED CIRCUIT S7116A | 1 | \$ 27.53 |
| IC314 | BDEY1098001 | INTEGRATED CIRCUIT M51953BL | 1 | \$ 2.92 |
| IC315 | BDEY1509001 | INTEGRATED CIRCUIT UC1251 | 1 | \$ 28.91 |
| IC316 | BDEY1155001 | INTEGRATED CIRCUIT HD14093BP | 1 | \$ 2.11 |
| IC501 | BDEY0389001 | INTEGRATED CIRCUIT IR3N06 | 1 | \$ 3.40 |
| IC501 | BDEY1136001 | INTEGRATED CIRCUIT IR2429 | 1 | \$ 20.05 |
| IC502 | BDEY1021001 | INTEGRATED CIRCUIT LH5008TP | 1 | \$ 17.00 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | | (QTY) | (LIST PRICE) |
|----------|--------------|------------------------|---------------------------|-------|--------------|
| LC501 | BDLY0027001 | LIQUID CRYSTAL DISPLAY | DL-027 LR634C-A | 1 | \$ 24.72 |
| MC511 | BMKY0388001 | MICROPHONE | MK-388 | 1 | \$ 37.33 |
| PL501 | BPLY0105001 | PILOT LAMP | PL-105 | 1 | \$ 2.39 |
| RR301 | BHAY0117001 | R:ARRAY | HA-117 | 1 | \$ 2.67 |
| RR302 | BHAY0096001 | R:ARRAY | HA-096 47K*9 | 1 | \$ 2.89 |
| RR303 | BHAY0093001 | R:ARRAY | HA-093 | 1 | \$ 1.73 |
| SP551 | BSPY0181001 | SPEAKER | SP-181 | 1 | \$ 6.24 |
| TP002 | BTPY0044001 | TERMINAL:CHECK POINT | TP-044 | 1 | \$ 0.21 |
| TP003 | | | | 1 | \$ 0.21 |
| TP004 | | | | 1 | \$ 0.21 |
| VR001 | BRTY0528223 | RESISTOR:SEMI-FIXED | RT-528 22KB | 1 | \$ 0.75 |
| VR002 | BRTY0528104 | RESISTOR:SEMI-FIXED | RT-528 100KB | 1 | \$ 0.75 |
| VR003 | BRTY0528473 | RESISTOR:SEMI-FIXED | RT-528 47KB | 1 | \$ 0.75 |
| VR004 | BRTY0528103 | RESISTOR:SEMI-FIXED | RT-528 10KB | 1 | \$ 0.75 |
| VR005 | | | | 1 | \$ 0.75 |
| VR006 | BRTY0528102 | RESISTOR:SEMI-FIXED | RT-528 1KB | 1 | \$ 0.75 |
| VR007 | BRTY0528103 | RESISTOR:SEMI-FIXED | RT-528 10KB | 1 | \$ 0.75 |
| VR008 | BRTY0528223 | RESISTOR:SEMI-FIXED | RT-528 22KB | 1 | \$ 0.75 |
| VR009 | BRTY0528103 | RESISTOR:SEMI-FIXED | RT-528 10KB | 1 | \$ 0.75 |
| VR010 | | | | 1 | \$ 0.75 |
| VR011 | | | | 1 | \$ 0.75 |
| VR012 | BRTY0528473 | RESISTOR:SEMI-FIXED | RT-528 47KB | 1 | \$ 0.75 |
| VR013 | BRTY0182101 | RESISTOR:SEMI-FIXED | RT-182 TT24R 100B | 1 | \$ 0.34 |
| VR014 | BRTY0182102 | RESISTOR:SEMI-FIXED | RT-182 TT24R 1KB | 1 | \$ 0.34 |
| VR301 | BRTY0528101 | RESISTOR:SEMI-FIXED | RT-528 100B | 1 | \$ 0.75 |
| VR302 | | | | 1 | \$ 0.75 |
| VR303 | BRTY0528223 | RESISTOR:SEMI-FIXED | RT-528 22KB | 1 | \$ 0.75 |
| VR304 | BRTY0528103 | RESISTOR:SEMI-FIXED | RT-528 10KB | 1 | \$ 0.75 |
| VR601 | BRVY0672001 | RESISTOR:VARIABLE | RV-672 5KB | 1 | \$ 3.00 |
| VR701 | BRVY0677001 | RESISTOR:VARIABLE | RV-677 RK0971111 50KA W/S | 1 | \$ 5.27 |
| VR702 | BRVY0678001 | RESISTOR:VARIABLE | RV-678 RK0971111 50KB W/S | 1 | \$ 5.27 |
| VR801 | BRVY0652001 | RESISTOR:VARIABLE | RV-652 VB12L PVB20F B1K | 1 | \$ 2.59 |
| VR802 | BRVY0679001 | RESISTOR:VARIABLE | RV-679 10KB | 1 | \$ 2.78 |
| | CZDZ071399Z | WIRES ASSEMBLED | W-071399 | 1 | \$ 3.36 |
| | CZDZ071398Z | WIRES ASSEMBLED | W-071398 | 1 | \$ 2.59 |
| | CZDZ071507Z | WIRES:ASSEMBLED | W-071507 | 1 | \$ 4.08 |
| | CZDZ071506Z | WIRES:ASSEMBLED | W-071506 | 1 | \$ 3.89 |
| | CZDZ071395Z | WIRES ASSEMBLED | W-071395 | 1 | \$ 2.48 |
| | CZDZ071505A | WIRES:ASSEMBLED | W-071505A | 1 | \$ 6.87 |
| | CZDZ071393A | WIRES ASSEMBLED | W-071393A | 1 | \$ 1.26 |
| | CZDZ071392Z | WIRES ASSEMBLED | W-071392 | 1 | \$ 1.26 |
| | CZDZ071391Z | WIRES ASSEMBLED | W-071391 | 1 | \$ 6.04 |
| | CZDZ071400B | WIRES ASSEMBLED | W-071400B | 1 | \$ 8.36 |
| | CZDZ071511Z | WIRES:ASSEMBLED | W-071511 | 1 | \$ 1.03 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|-------|--------------|
| | CZDZ071389Z | WIRES ASSEMBLED W-071389 | 1 | \$ 1.08 |
| | CZDZ071512Z | WIRES:ASSEMBLED W-071512 | 1 | \$ 2.25 |
| | CZDZ071387A | WIRES ASSEMBLED W-071387A | 1 | \$ 1.01 |
| WA015 | BWZY0692001 | CORD WZ-692 230 W/P | 1 | \$ 4.05 |
| WA016 | BWZY0693001 | CORD WZ-693 270 W/P | 1 | \$ 4.19 |
| | CZDZ071402A | WIRES ASSEMBLED W-071402A | 1 | \$ 1.46 |
| WA018 | BWZY0727001 | CORD WZ-727 | 1 | \$ 1.52 |
| | CZDZ071503Z | WIRES:ASSEMBLED W-071503 | 1 | \$ 1.00 |
| WA020 | BWZY0721001 | DC CORD WZ-721 1830 W/P | 1 | \$ 9.48 |
| | CZDZ071401Z | WIRES ASSEMBLED W-071401 | 1 | \$ 2.81 |
| YI501 | BYDY0010003 | INSULATION SHEET YD-010 P101KD | 1 | \$ 0.02 |
| YI502 | BYYY0172001 | BUSHING:TIGHT CERAMIC YY-172 | 1 | \$ 0.28 |
| YI503 | | | 1 | \$ 0.28 |
| YW501 | BYYY0047001 | WIRE CLAMPER YY-047 | 1 | \$ 0.05 |
| YW502 | | | 1 | \$ 0.05 |
| YW503 | | | 1 | \$ 0.05 |
| YW504 | | | 1 | \$ 0.05 |
| YW505 | | | 1 | \$ 0.05 |
| YW506 | | | 1 | \$ 0.05 |
| YW507 | | | 1 | \$ 0.05 |
| YW508 | | | 1 | \$ 0.05 |
| YW509 | | | 1 | \$ 0.05 |
| YW510 | | | 1 | \$ 0.05 |
| | FCSR221155Z | CHASSIS:REAR ADC-12, PAINT BLACK | 1 | \$ 23.31 |
| | GCMF192098Z | PANEL:FRONT ABS, DARK GRAY PAINT SILK | 1 | \$ 7.52 |
| | GCMZ492099Z | PLATE:DISPLAY PMMA, SILK | 1 | \$ 2.61 |
| | GHDZ320936Z | HOLDER:LCD ABS, WHITE | 1 | \$ 1.35 |
| | GMSC480407Z | SCREW:MOUNTING ABS, BLACK | 4 | \$ 0.54 |
| | GNBC421145Z | KNOB:CHANNEL ABS, DARK GRAY | 1 | \$ 1.10 |
| | GNBP420940Z | BUTTON:CHANNEL ABS, SATIN CR | 2 | \$ 1.40 |
| | GNBP421146Z | KNOB:PUSH ABS, DARK GRAY | 5 | \$ 0.33 |
| | GNBP421147Z | KNOB:PUSH ABS, NEUTRAL GRAY | 6 | \$ 0.33 |
| | GNBY420939Z | KNOB ABS, DARK GRAY | 6 | \$ 0.55 |
| | HBCT380105A | MOUNTING BRACKET SPCC 1.6T PAINT DARK GRAY | 1 | \$ 7.26 |
| | HCMB221190A | CASE:BOTTOM VINYTOP, SB-K08, 1.0T, BLACK | 1 | \$ 9.19 |
| | HCMT221191Z | CASE:TOP VINYTOP, SB-K08, 1.0T, BLACK | 1 | \$ 8.65 |
| | HCSS321192B | CHASSIS:SIDE SECC, 1.0T, NON OIL | 2 | \$ 2.59 |
| | HHSK418834D | HEAT SINK C5191R, 0.5T | 1 | \$ 0.71 |
| | HMHG402919Z | HANGER:MICROPHONE SPCC, 1.0T, NI | 1 | \$ 0.44 |
| | HSDC321193B | SHIELD CASE SECC, 0.8T | 1 | \$ 4.14 |
| | HSDP420091Z | SHIELD PLATE SPTE, 0.3T | 1 | \$ 0.23 |
| | HSDP421141Z | FRAME:LCD SPTE, 0.3T, NON OIL | 1 | \$ 0.67 |
| | HSDP421142Z | SHIELD PLATE SPTE, 0.3T, NON OIL | 1 | \$ 0.51 |
| | HSDP421143Z | PLATE:ESD (R) SPTE, 0.3T, NON OIL | 1 | \$ 0.75 |

| (SYMBOL) | (PARTS CODE) | (DESCRIPTION) | (QTY) | (LIST PRICE) |
|----------|--------------|--|----------|--------------|
| | HSDP421144Z | PLATE:ESD (L) SPT. 0. 3T, NON OIL | 1 | \$ 0. 60 |
| | HSDP491778Z | SHIELD PLATE SPT. 0. 3T NON OIL | 1 | \$ 0. 49 |
| | HSDP492100Z | SHIELD PLATE SPT. 0. 3T NON OIL | 1 | \$ 0. 30 |
| | PLBC482147Z | LABEL:WARNING, DC CORD PAPER, PRINT | 1 | \$ 0. 15 |
| | PLBF492101Z | LABEL:REAR POLYESTER FILM 0. 1T | 1 | \$ 0. 38 |
| | PLBZ422139Z | LABEL:INDICATION POLYESTER FILM 0. 05T | 1 | \$ 0. 17 |
| | RETC421189Z | PLATE:LCD YUPO PAPER, 0. 15T | 1 | \$ 0. 19 |
| | RUTC403865Z | WOOL-COATED PAPER:WOOL TACK WOOL PAPER, 10*150*0. 3T | 2 | \$ 0. 08 |
| | RZEB420092Z | INSULATION PLATE PC, 0. 2T | 1 | \$ 0. 17 |
| | RZEB491779Z | INSULATION PLATE PVC 0. 35T | 1 | \$ 0. 88 |
| | RZEB492102Z | INSULATION PLATE PVC 0. 3T | 1 | \$ 0. 19 |
| | TSTD0150007 | TERMINAL:LUG SOLDER D3. 2X14 | 2 | \$ 0. 07 |
| | TSTD0200003 | SPRING PLATE:KNOB D6. 02XL9. 53 | 7 | \$ 0. 17 |
| | UTUD01550CZ | OWNER'S MANUAL ** | 1 | \$ 0. 50 |
| | UTUD492088Z | LABEL:NOTICE PAPER PRINT | 1 | \$ 1. 13 |
| | | | 1 | \$ 1. 13 |
| | VNYL1114000 | VINYL BAG 110X400X0. 05T | 1 | \$ 0. 08 |
| | VNYL1122800 | VINYL BAG 120X280X0. 05T | 1 | \$ 0. 05 |
| | VNYL1173200 | VINYL BAG 170X320X0. 05T | 1 | \$ 0. 09 |
| | VNYL2465270 | VINYL BAG 460X520X700X0. 07T | 0. 16666 | \$ 1. 88 |
| | VNYL3101200 | VINYL BAG 100X120X0. 1T | 1 | \$ 0. 06 |
| | VNYL3324500 | VINYL BAG 320X450X0. 1T | 1 | \$ 0. 50 |
| | WBXC392103Z | DISPLAY BOX ** | 1 | \$ 0. 50 |
| | WCTZ392104Z | SHIPPING CARTON BOX ** | 0. 16666 | \$ 0. 50 |
| | WSFC121185Z | STYROFOAM PAD (R) ** | 1 | \$ 2. 40 |
| | WSFC221184A | STYROFOAM PAD(F) ** | 1 | \$ 1. 58 |
| | WSLV421401Z | SPACER ** | 1 | \$ 0. 26 |
| | SMHR2600 | SERVICE MANUAL | | |







5. IC VOLTAGE CHART

| | IC 1 | IC 2 | IC 3 | IC 4 | IC 5 | IC 6 | IC 301 | IC 302 |
|---------|--------------|-------------|------------|------------|----------|---------|---------|----------|
| Pin No. | 45223L | 7041905 | AN612 | NJ445585 | TA7320P | L7808CV | PL0305A | 315152A1 |
| 1 | 0 | 7.0 11.0 | 2.4 | 7.5 | 0 6.2 | 13.6 | 4.8 | 2.0 |
| 2 | 0 | 13.6 | 3.2 | 4.1 | 0 3.7 | 0 | 0 | 2.4 |
| 3 | 0 | 12.1 | 3.2 | 4.1 | 0 3.0 | 8.0 | — | 4.8 |
| 4 | 0 | — | 0 | 4.1 | 0 7.5 | | — | 3.9 |
| 5 | 1.0 (8.0) | — | 5.9 | 0 | 0 0 | | 4.8 | 0 |
| 6 | 1.7 (1.7) | 2.6 4.0 | 7.4 | 3.7 | 0 2.5 | | — | 2.1 |
| 7 | 0 (6.8) | 2.6 4.4 | 6.3 4.0 | 7.5 2.0 | 0 4.0 | | — | 0 |
| 8 | 8.0 | 2.5 9.5 | | 1.3 6.0 | 0 7.0 | | 4.8 | 0 |
| 9 | | | | 7.5 | 0 7.5 | | 2.2 | 0 |
| 10 | | | | | | | 0 | |
| 11 | | | | | | | 0 | |
| 12 | | | | | | | 0 | |
| 13 | | | | | | | 3.9 | |
| 14 | | | | | | | — | |
| 15 | | | | | | | 3.8 | |
| 16 | | | | | | | — | |
| 17 | | | | | | | 2.2 | |
| 18 | | | | | | | 0 | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |

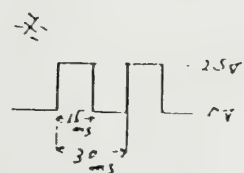
- DC VOLTAGE IN SHOWS TX CONDITION.
- DC VOLTAGE IN NO MARK SHOWS RX CONDITION.
- DC VOLTAGE IN () SHOWS RX CONDITION OPERATION OF EACH FUNCTION.

| | IC303 | IC304 | IC305 | IC306 | IC307 | IC311 | IC312 | IC313 |
|------|---------|-------|-------|---------|---------|-----------|-----------|---------|
| 1-16 | 451660L | 5042P | 5042P | 451660L | 451660L | 2981108CV | 2981108CV | 5-7116A |
| 1 | 0 | 0 | 0 | 7.9 | - | 13.6 | 13.6 | 3.5 |
| 2 | - | 4.6 | 4.9 | 5.7 | - | 0 | 0.6 | 0 |
| 3 | 0 | 7.7 | 7.7 | 3.9 | - | 7.7 | 5.6 | 0 |
| 4 | 1.1 | 0 | 0 | 3.9 | - | | | - |
| 5 | 1.5 | 7.7 | 7.7 | 0 | 0 | | | 2.6 |
| 6 | 4.8 | 0 | 0 | | 4.1 | | | 4.8 |
| 7 | - | 2.7 | 2.7 | | 4.1 | | | 0 |
| 8 | 0.5 | 2.7 | 2.7 | | 3.1 | | | - |
| 9 | | 0 | 0 | | 7.7 | | | - |
| 10 | | 0.5 | 0.5 | | | | | - |
| 11 | | 1.2 | 1.3 | | | | | (4.8) |
| 12 | | 0.5 | 0.5 | | | | | - |
| 13 | | 1.2 | 1.3 | | | | | - |
| 14 | | 0 | 0 | | | | | 4.8 |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |

- DC VOLTAGE IN SHOWS TX CONDITION.
 - DC VOLTAGE IN NO MARK SHOWS RX CONDITION.
 - DC VOLTAGE IN () SHOWS PX CONDITION
- OPERATION OF EACH FUNCTION.

| | IC3/4 | IC3/5 | IC3/5 | IC3/5 | IC3/6 | IC401 | IC501 | IC502 | |
|---------|----------|---------|---------|---------|-----------|--------|--------|---|--|
| Pin No. | MS1953BL | UC-1251 | Pin No. | Pin No. | HD14093BP | IR3V06 | IR2429 | Pin No. LH501BTP | |
| 1 | 4.8 | 5 | 23 | 0 | 5 | 4.9 | (8) | * | 1  |
| 2 | - | 0 | 24 | 0 | 5 | 0 | - | * | 2  |
| 3 | 0 | 5 | 25 | 5 | 5 | 4.9 | (7.7) | * | 3 3.4 |
| 4 | 1.1 | 0 | 26 | 5 | 5 | 0 | (8.0) | * | 4 2.6 |
| 5 | 4.8 | 5 | 27 | 5 | 0 | 4.9 | (1.0) | * | 5 1.8 |
| 6 | | 0 | 28 | 0 | 5 | 4.9 | (1.0) | * | 6 5.0 |
| 7 | | 5 | 29 | 0 | 2.5 | 0 | (1.0) | * | 7 0 |
| 8 | | 5 | 30 | 0 | 2.5 | - | (8.0) | * | 8 5 |
| 9 | | 5 | 31 | 0 | 0 | - | (2.0) | * | 9 0 |
| 10 | | 5 | 32 | 5 | 0 | - | - | * | 10 5 |
| 11 | | 5 | 33 | 5 | 0 | 4.9 | | * | 11 0 |
| 12 | | 5 | 34 | 5 | 5 | 0 | | * | 12 0 |
| 13 | | 5 | 35 | 0 | 1 | 4.9 | | * | 13 5 |
| 14 | | 0 | 36 | 5 | 5 | 4.9 | - | | 14 0 |
| 15 | | 0 | 37 | 5 | 0 | | 3.3 |  | 15  |
| 16 | | 0 | 38 | 5 | 5 | | 1.0 | | 16 - |
| 17 | | 5 | 39 | 5 | 0 | | - | | 17 5.0 |
| 18 | | 5 | 40 | 0 | 0 | | 4.0 | | 18 - |
| 19 | | 5 | 41 | 0 | 0 | | 0.6 |  | 19  |
| 20 | | 0 | 42 | 0 | 5 | | 0 | | 20 |
| 21 | | 0 | 43 | 0 | | | 0 | | 21 |
| 22 | | 5 | 44 | 0 | | | 0 | | 22 |

- DC VOLTAGE IN ☐ SHOWS TX CONDITION.
- DC VOLTAGE IN NO MARK SHOWS RX CONDITION.
- DC VOLTAGE IN () SHOWS RX CONDITION OPERATION OF EACH FUNCTION.



6. FREQUENCY CHART

FREQUENCIES OF LOCAL OSCILLATORS

$$F_v = F + 10.6950 \text{ (MHz)} + \alpha$$

$$\left(\begin{array}{l} F : \text{TRANSMITTING AND RECEIVING FREQUENCY} \\ F_v : \text{VCO OUTPUT FREQUENCY} \\ \alpha \left\{ \begin{array}{ll} 0 & \text{(FM / AM)} \\ + 2.5 \text{ kHz} & \text{(USB)} \\ - 2.5 \text{ kHz} & \text{(LSB)} \\ + 1.7 \text{ kHz} & \text{(CW)} \end{array} \right. \end{array} \right)$$

CHANNEL AND FREQUENCY RANGE

| BAND | FREQUENCY RANGE |
|------|-----------------------|
| A | 28.0000 ~ 28.4999 MHz |
| B | 28.5000 ~ 28.9999 MHz |
| C | 29.0000 ~ 29.4999 MHz |
| D | 29.5000 ~ 29.6999 MHz |

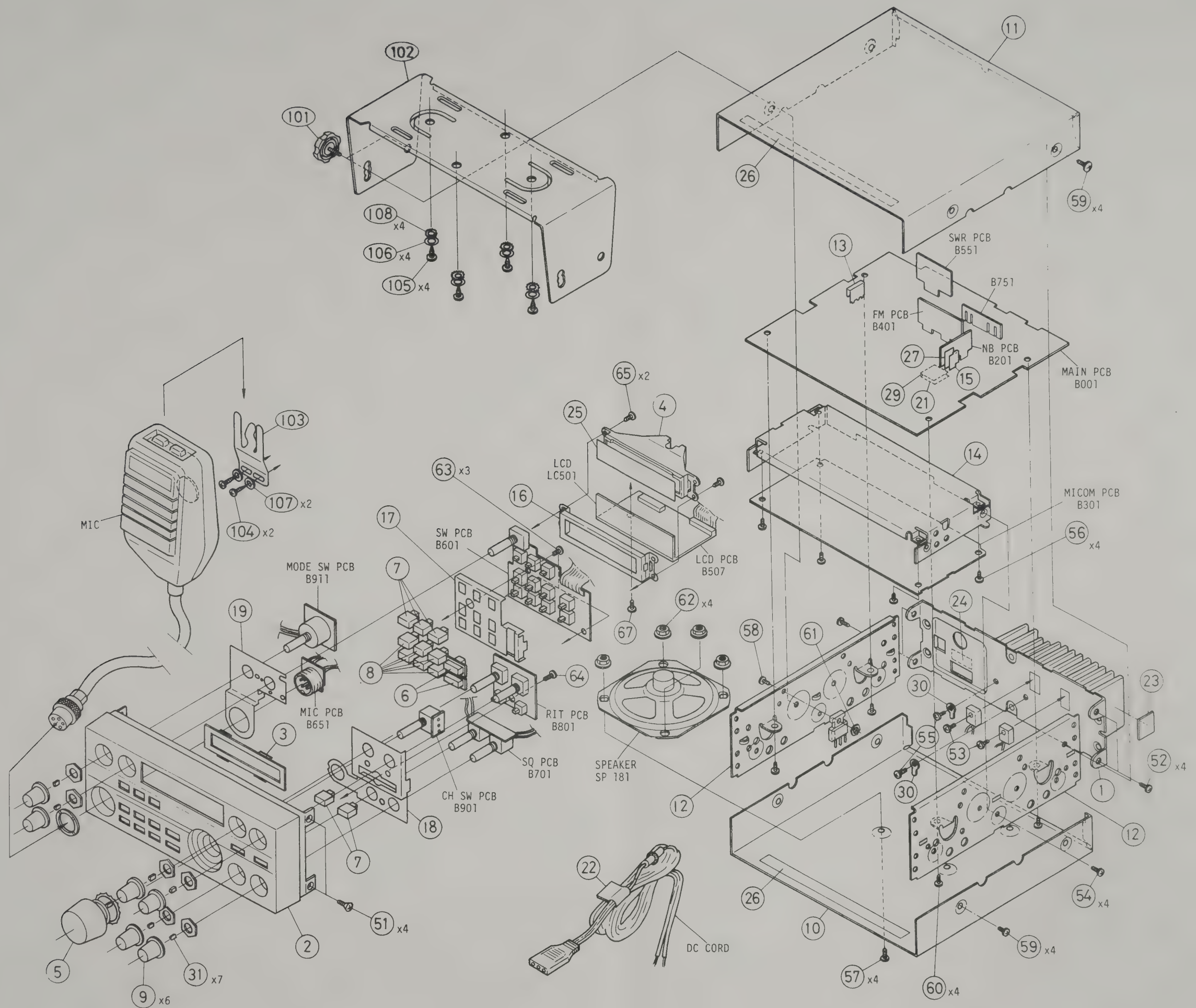
7. EXPLODED VIEW & MECHANICAL PARTS LIST

PARTS LIST FOR EXPLODED VIEW

Model Name : HR-2600

| (No.) | (PARTS CODE) | (DESCRIPTION) | |
|-------|--------------|-----------------------------|------------------------------|
| 1 | FCSR221155Z | CHASSIS:REAR | ADC-12, PAINT BLACK |
| 2 | GCMF192098Z | PANEL:FRONT | ABS, DARK GRAY PAINT SILK |
| 3 | GCMZ492099Z | PLATE:DISPLAY | PMMA, SILK |
| 4 | GHDZ320936Z | HOLDER:LCD | ABS, WHITE |
| 5 | GNBC421145Z | KNOB:CHANNEL | ABS, DARK GRAY |
| 6 | GNBP420940Z | BUTTON:CHANNEL | ABS, SATIN CR x2 |
| 7 | GNBP421146Z | KNOB:PUSH | ABS, DARK GRAY x5 |
| 8 | GNBP421147Z | KNOB:PUSH | ABS, NEUTRAL GRAY x6 |
| 9 | GNBY420939Z | KNOB | ABS, DARK GRAY x6 |
| 10 | HCMB221190A | CASE:BOTTOM | VINYTOP, SB-K08, 1.0T, BLACK |
| 11 | HCMT221191Z | CASE:TOP | VINYTOP, SB-K08, 1.0T, BLACK |
| 12 | HCSS321192B | CHASSIS:SIDE | SECC, 1.0T, NON OIL x2 |
| 13 | HHSK418834D | HEAT SINK | C5191R, 0.5T |
| 14 | HSDC321193B | SHIELD CASE | SECC, 0.8T |
| 15 | HSDP420091Z | SHIELD PLATE | SPTE, 0.3T |
| 16 | HSDP421141Z | FRAME:LCD | SPTE, 0.3T, NON OIL |
| 17 | HSDP421142Z | SHIELD PLATE | SPTE, 0.3T, NON OIL |
| 18 | HSDP421143Z | PLATE:ESD (R) | SPTE, 0.3T, NON OIL |
| 19 | HSDP421144Z | PLATE:ESD (L) | SPTE, 0.3T, NON OIL |
| 20 | -Not Used- | | |
| 21 | HSDP492100Z | SHIELD PLATE | SPTE, 0.3T NON OIL |
| 22 | PLBC482147Z | LABEL:WARNING, DC CORD | PAPER, PRINT |
| 23 | PLBF492101Z | LABEL:REAR | POLYESTER FILM 0.1T |
| 24 | PLBZ422139Z | LABEL:INDICATION | POLYESTER FILM 0.05T |
| 25 | RETC421189Z | PLATE:LCD | YUPO PAPER, 0.15T |
| 26 | RUTC403865Z | WOOL-COATED PAPER:WOOL TACK | WOOL PAPER, 10*150*0.3T x2 |
| 27 | RZEB420092Z | INSULATION PLATE | PVC 0.3T |
| 28 | -Not Used- | | |
| 29 | RZEB492102Z | INSULATION PLATE | PVC 0.3T |
| 30 | TSTD0150007 | TERMINAL:LUG SOLDER | D3.5X14 x2 |
| 31 | TSTD0200003 | SPRING PLATE:KNOB | D6.02XL9.53 x7 |
| 51 | SSCW133005N | SCREW:FLAT HD + | M3X5 NI x4 |
| 52 | SSCW133005N | SCREW:FLAT HD + | M3X5 NI x4 |
| 53 | SSCW192012N | SCREW:BIND HD + | M2X12 NI x2 |
| 54 | SSCW193006N | SCREW:BIND HD + | M3X6 NI x4 |
| 55 | SSCW193006N | SCREW:BIND HD + | M3X6 NI x2 |
| 56 | SSCW193006N | SCREW:BIND HD + | M3X6 NI x4 |
| 57 | SSCW193008B | SCREW:BIND HD + | M3X8 BNI x4 |
| 58 | SSCW193008N | SCREW:BIND HD + | M3X8 NI |
| 59 | SSCW343006B | SCREW:TAPTIGHT BIND HD + | M3X6 BNI x8 |
| 60 | SSCW343006N | SCREW:TAPTIGHT BIND HD + | M3X6 NI x4 |
| 61 | SSCW430030N | HEX NUT | M3.0 NI |
| 62 | SSCW480030Z | NUT:FLANGE | M3 ZMC x4 |
| 63 | SSCW803008N | SCREW:P TIGHT BIND HD + | D3X8 NI x3 |
| 64 | SSCW803008N | SCREW:P TIGHT BIND HD + | D3X8 NI |
| 65 | SSCW803008N | SCREW:P TIGHT BIND HD + | D3X8 NI x2 |
| 66 | SSCW803008N | SCREW:P TIGHT BIND HD + | D3X8 NI |
| 101 | GMSC480407Z | SCREW:MOUNTING | ABS, BLACK x4 |
| 102 | HBCT380105A | MOUNTING BRACKET | SPCC 1.6T PAINT DARK GRAY |
| 103 | HMHG402919Z | HANGER:MICROPHONE | SPCC, 1.0T, NI |
| 104 | SSCW293508N | SCREW:TAPPING ROUND HD + | D3.5X8 NI x2 |
| 105 | SSCW295010N | SCREW:TAPPING ROUND HD + | D5X10 NI x4 |
| 106 | SSCW490050N | WASHER FLAT | D5 NI x4 |
| 107 | SSCW530035N | WASHER:LOCK | D3.5 NI x2 |
| 108 | SSCW540050N | WASHER:STAR | D5 NI x4 |

NOTE : No. in this Mechanical Parts List corresponds
with the number in Exploded view.



BLOCK DIAGRAM



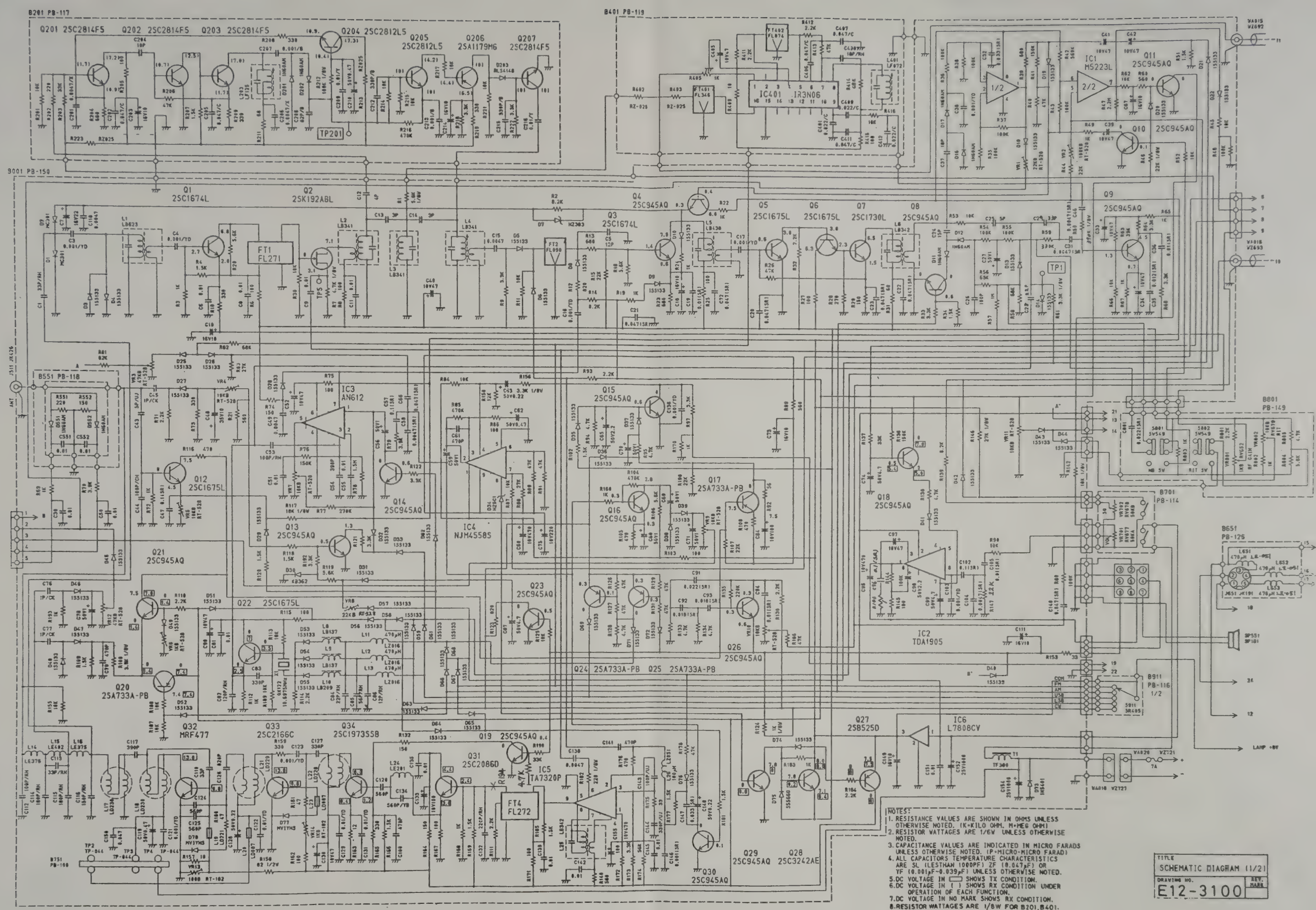
The schematic diagram illustrates the internal components of the HR-2600 receiver, divided into the MICOM section and the power supply section.

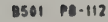
MICOM SECTION:

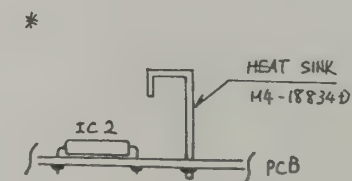
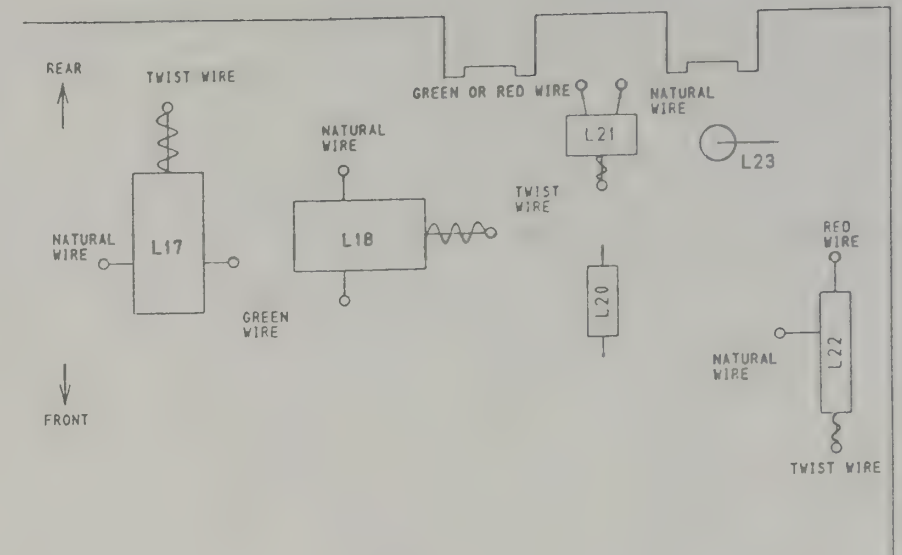
- FM 2nd LOCAL OUT:** 10.24MHz signal input to IC302 PLL.
- IC302 PLL:** Receives 10.24MHz and outputs 116.95~117.04MHz to Q301 BUFFER.
- Q301 BUFFER:** Outputs to Q302 VCO.
- Q302 VCO:** Outputs to IC306 LPF.
- IC306 LPF:** Outputs to IC302 PLL.
- IC302 PLL:** Also outputs to IC301 PLL.
- IC301 PLL:** Receives 10.24MHz and outputs 4.9975~6.6934MHz to L306.307 LPF.
- L306.307 LPF:** Outputs to IC304 MIX.
- IC304 MIX:** Receives 11.695~11.704MHz from IC303 DIVIDER and outputs to IC305 MIX.
- IC305 MIX:** Receives 16.6925~18.3974MHz from L305.306 LPF and outputs to Q306 BUFFER.
- Q306 BUFFER:** Outputs to Q303 VCO.
- Q303 VCO:** Outputs to IC305 LPF.
- IC305 LPF:** Outputs to Q305 BUFFER.
- Q305 BUFFER:** Outputs to L310.319 BPF.
- L310.319 BPF:** Outputs to Q304 OSC.
- Q304 OSC:** Outputs to IC307 O/G CONVERTER.
- IC307 O/G CONVERTER:** Outputs to RR301.
- RR301:** Outputs to IC312 REG.5V and IC311 REG.8V.
- IC312 REG.5V:** Outputs to IC314 RESET.
- IC314 RESET:** Outputs to IC315 CPU.
- IC315 CPU:** Receives 2.0MHz from X301 and controls various components.
- IC316 SHIMMIT:** Receives RPT SW and outputs to IC315 CPU.
- IC316 SHIMMIT:** Also receives S901 ROTARY SW.
- S603.604.605.606 S611.612 CONTROL SW:** Receives FPM CN KEY and outputs to IC315 CPU.
- S901 MOD SW:** Outputs to IC315 CPU.
- IC315 CPU:** Controls IC302 PLL, IC301 PLL, IC304 MIX, IC305 MIX, Q303 VCO, Q305 BUFFER, L310.319 BPF, Q304 OSC, IC307 O/G CONVERTER, RR301, IC312 REG.5V, IC311 REG.8V, IC303 DIVIDER, Q301 BUFFER, Q302 VCO, IC306 LPF, L306.307 LPF, IC305 LPF, and Q306 BUFFER.
- IC303 DIVIDER:** Receives 11.695~11.704MHz from IC302 PLL and outputs to IC304 MIX.
- L305.306 LPF:** Receives 16.6925~18.3974MHz from IC305 MIX and outputs to IC304 MIX.
- Q303 VCO:** Receives 4.9975~6.6934MHz from L306.307 LPF and outputs to IC305 LPF.
- Q305 BUFFER:** Receives 38.6925~40.3974MHz from L310.319 BPF and outputs to Q304 OSC.
- L310.319 BPF:** Receives 38.6925~40.3974MHz from Q305 BUFFER and outputs to Q304 OSC.
- Q304 OSC:** Receives 22MHz from X302 and outputs to IC307 O/G CONVERTER.
- IC307 O/G CONVERTER:** Receives 22MHz from X302 and outputs to RR301.
- RR301:** Receives 22MHz from X302 and outputs to IC312 REG.5V and IC311 REG.8V.
- IC312 REG.5V:** Receives 5V from IC311 REG.8V and outputs to IC314 RESET.
- IC311 REG.8V:** Receives 8V from IC312 REG.5V and outputs to IC315 CPU.
- IC314 RESET:** Receives 5V from IC312 REG.5V and outputs to IC315 CPU.
- IC315 CPU:** Receives 2.0MHz from X301 and outputs to IC312 REG.5V and IC311 REG.8V.
- IC303 DIVIDER:** Receives 11.695~11.704MHz from IC302 PLL and outputs to IC304 MIX.
- L305.306 LPF:** Receives 16.6925~18.3974MHz from IC305 MIX and outputs to IC304 MIX.
- Q303 VCO:** Receives 4.9975~6.6934MHz from L306.307 LPF and outputs to IC305 LPF.
- Q305 BUFFER:** Receives 38.6925~40.3974MHz from L310.319 BPF and outputs to Q304 OSC.
- L310.319 BPF:** Receives 38.6925~40.3974MHz from Q305 BUFFER and outputs to Q304 OSC.
- Q304 OSC:** Receives 22MHz from X302 and outputs to IC307 O/G CONVERTER.
- IC307 O/G CONVERTER:** Receives 22MHz from X302 and outputs to RR301.
- RR301:** Receives 22MHz from X302 and outputs to IC312 REG.5V and IC311 REG.8V.
- IC312 REG.5V:** Receives 5V from IC311 REG.8V and outputs to IC314 RESET.
- IC311 REG.8V:** Receives 8V from IC312 REG.5V and outputs to IC315 CPU.
- IC314 RESET:** Receives 5V from IC312 REG.5V and outputs to IC315 CPU.
- IC315 CPU:** Receives 2.0MHz from X301 and outputs to IC312 REG.5V and IC311 REG.8V.

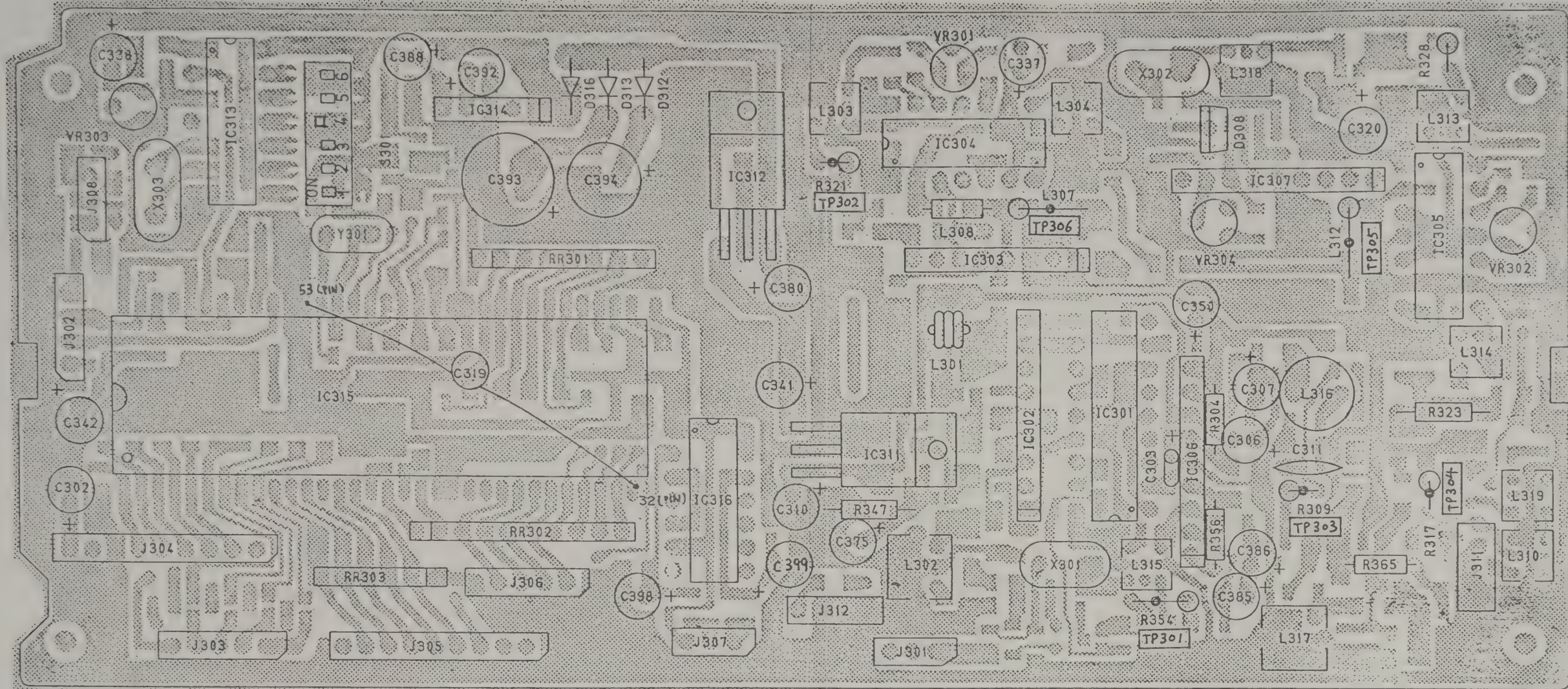
POWER SUPPLY SECTION:

- T301:** Transformer with primary 110V and secondary 13.8V.
- D308:** Diode connected to the 13.8V secondary.
- IC312 REG.5V:** 5V regulator.
- IC311 REG.8V:** 8V regulator.
- POWER SW:** Power switch.
- HR-2600:** Receiver model.









| | |
|------|---------------|
| C302 | 16V22 |
| C303 | 10V4.7(1T) |
| C306 | 50V1 (C-105) |
| C307 | 50V1 (C-105) |
| C310 | 50V4.7 |
| C311 | 0.033(SR) |
| C320 | 50V4.7 |
| C337 | 50V1 |
| C338 | 50V1 (C-105) |
| C341 | 50V4.7 |
| C342 | 50V4.7 |
| C350 | 50V0.47 |
| C375 | 50V4.7 |
| C380 | 50V4.7 |
| C385 | 50V1 |
| C386 | 50V1 (C-105) |
| C388 | 50V2.2 |
| C392 | 50V0.1(C-105) |
| C393 | 6.3V1000 |
| C394 | 10V470 |
| C398 | 50V0.1 |
| C399 | 50V0.1 |
| C319 | 0.01 (SR) |

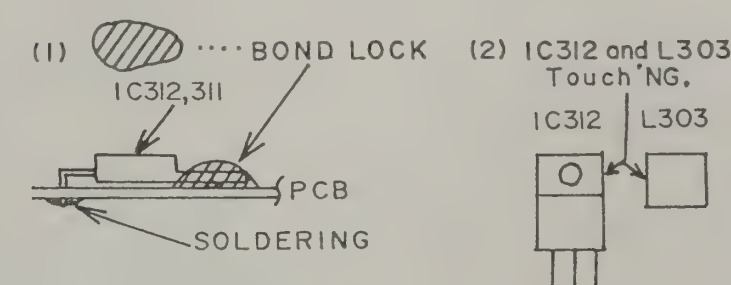
| | |
|-------|-----------|
| IC301 | PLLO305A |
| IC302 | SM5152A1 |
| IC303 | M54460L |
| IC304 | S042P |
| IC305 | S042P |
| IC306 | NJM3404AS |
| IC307 | NJM4558S |
| IC311 | L78M08CV |
| IC312 | L78M05CV |
| IC313 | S-7116A |
| IC314 | M51953BL |
| IC315 | UC-1251 |
| IC316 | HD14093BP |
| D308 | KV1330 |
| D312 | S5566G |
| D313 | S5566G |
| D316 | S5566G |

| | |
|-------|---------------|
| L301 | LE246 |
| L302 | LB684 |
| L303 | LF131 |
| L304 | LF131 |
| L307 | LZ051 4.7μH |
| L308 | LZ051 10μH |
| L310 | LF159 |
| L312 | LZ051 2.7μH |
| L313 | LF130 |
| L314 | LF131 |
| L315 | LF172 |
| L316 | LZ044 6.8μH |
| L317 | LB686 |
| L318 | LF133 |
| L319 | LF158 |
| VR301 | 100B (RT-528) |
| VR302 | 100B (RT-528) |
| VR303 | 22KB (RT-528) |
| VR304 | 10KB (RT-528) |

| | |
|------|-------------------|
| J301 | JK276 (3P) |
| J302 | JK276 (4P) |
| J303 | JK276 (5P) |
| J304 | JK276 (9P) |
| J305 | JK276 (9P) |
| J306 | JK276 (5P) |
| J307 | JK276 (3P) |
| J308 | JK276 (3P) |
| J311 | JK326 |
| J312 | JK326 |
| S301 | SW650 |
| X301 | QX122 10.2417MHz |
| X302 | QX287 22.00MHz |
| X303 | QX126 3.579545MHz |

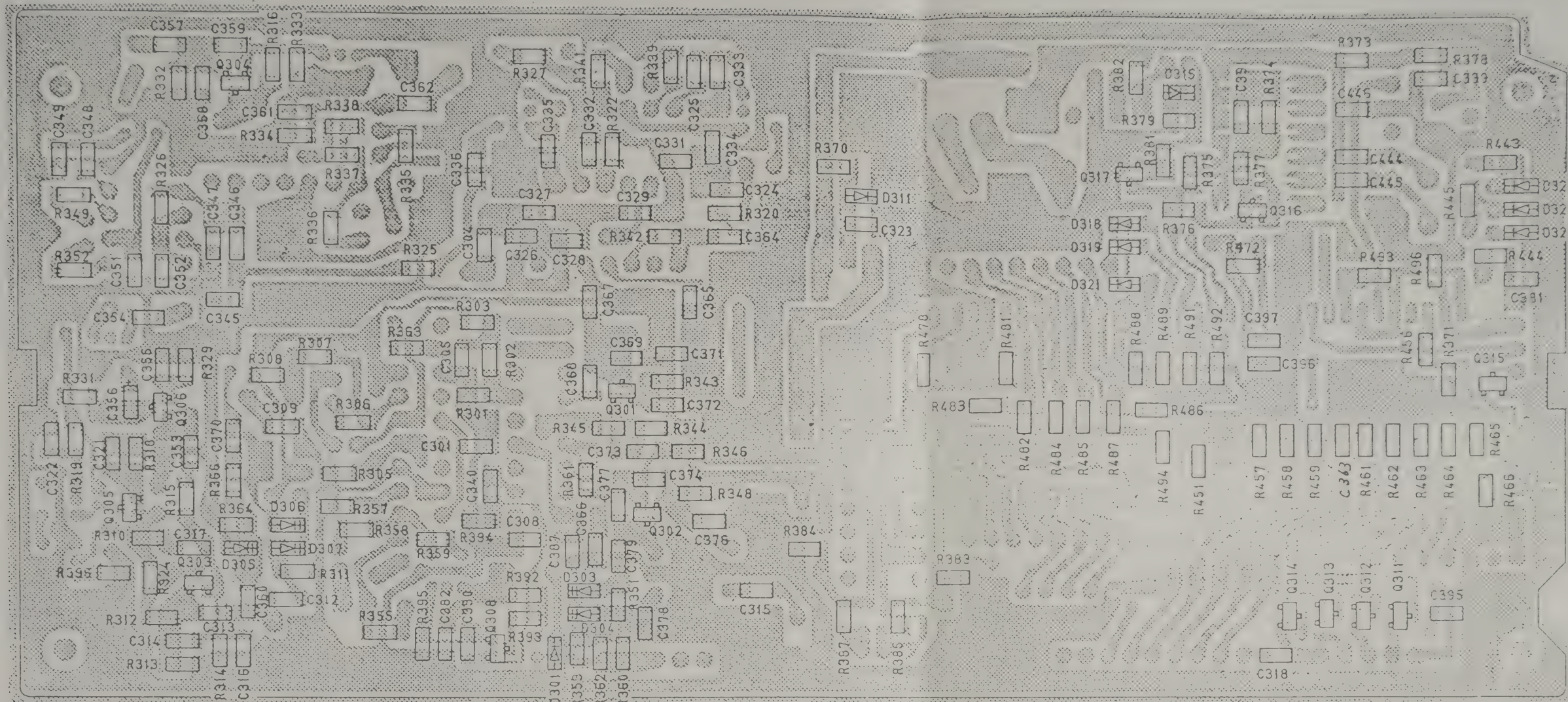
| | |
|-------|-----------|
| R304 | 10K |
| R309 | 3.3K 1/8W |
| R317 | 10K 1/8W |
| R321 | 330 1/8W |
| R323 | 150K 1/8W |
| R328 | 1K 1/8W |
| R347 | 1.5K |
| R354 | 4.7K 1/8W |
| R356 | 10K |
| R365 | 39K |
| RR301 | HA117 |
| RR302 | HA096 |
| RR303 | HA093 |
| Y301 | YY548 |

~Replacement~



- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

TITLE MICOM PCB
PARTS ASS'Y TOP VIEW
DRAWING NO.
E23-8314-



| | |
|------|---------|
| D301 | 15V200 |
| D303 | 15V200 |
| D304 | 15V200 |
| D305 | 15V200 |
| D306 | 15V200 |
| D307 | 15V200 |
| D311 | RLS4148 |
| D315 | RLS4148 |
| D319 | RLS4148 |
| D319 | RLS4148 |
| D321 | RLS4148 |
| D322 | RLS4148 |
| D323 | RLS4148 |
| D324 | RLS4148 |
| | |
| | |
| | |

| | |
|------|------------|
| Q301 | 25C3121 |
| Q302 | 25C3121 |
| Q303 | 25C3121 |
| Q304 | 25C3121 |
| Q305 | 25C3121 |
| Q306 | 25C3121 |
| Q308 | 25C2814F5 |
| Q311 | 25A1179-M6 |
| Q312 | 25A1179-M6 |
| Q313 | 25A1179-M6 |
| Q314 | 25A1179-M6 |
| Q315 | 25C2712Y |
| Q316 | 25A1179-M6 |
| Q317 | 25C2712Y |
| | |
| | |
| | |

| | |
|------|-------|
| R301 | 10M |
| R302 | 15K |
| R313 | 15K |
| R307 | 1K |
| R305 | 10K |
| R306 | 10K |
| R308 | 10K |
| R310 | 330 |
| R311 | 10K |
| R312 | 10K |
| R313 | 15K |
| R314 | 680 |
| R315 | 1K |
| R316 | 12K |
| R318 | 1K |
| R319 | 100 |
| R320 | 330 |
| R322 | 1K |
| R324 | 10K |
| R325 | RZ025 |
| R326 | 1K |
| R327 | 22K |
| R329 | 1K |
| R331 | 1.5K |
| R332 | 1K |
| R333 | 10K |
| R334 | 10K |
| R335 | 3.3K |
| R336 | 10K |
| R337 | 10K |
| R339 | 180 |

| | |
|------|-------|
| R347 | 180 |
| R342 | 3.3K |
| R343 | 220 |
| R344 | 4.7K |
| R345 | 5.6K |
| R346 | 680 |
| R348 | 3.3K |
| R349 | 180 |
| R351 | 1.5K |
| R352 | 180 |
| R353 | 3.3K |
| R355 | RZ025 |
| R357 | 10K |
| R358 | 4.7K |
| R359 | 1.2K |
| R360 | 68K |
| R361 | 1.2K |
| R362 | 10K |
| R363 | 1K |
| R364 | 27K |
| R366 | 3.3K |
| R370 | 1.5K |
| R371 | 2.2K |
| | |
| R373 | 47K |
| R374 | 100K |
| R375 | 10K |
| R376 | 10K |
| R377 | 1K |
| R378 | 82K |
| R379 | 100K |

| | |
|------|------|
| R381 | 10K |
| R382 | 10K |
| R383 | 10K |
| R384 | 10K |
| R385 | 1K |
| R387 | 1K |
| | |
| R392 | 4.7K |
| R393 | 470 |
| R394 | 680 |
| R395 | 6.8K |
| R396 | 1.8K |
| R443 | 1.5K |
| R444 | 1M |
| R445 | 1.5K |
| R451 | 10K |
| R456 | 10K |
| R457 | 10K |
| R458 | 10K |
| R459 | 10K |
| | |
| R461 | 10K |
| R462 | 10K |
| R463 | 10K |
| R464 | 10K |
| R465 | 10K |
| R466 | 10K |
| R478 | 10K |
| R481 | 10K |
| R482 | 4.7K |
| R483 | 4.7K |

| | |
|------|------|
| R484 | 4.7K |
| R485 | 4.7K |
| R486 | 4.7K |
| R487 | 4.7K |
| R488 | 10K |
| R489 | 10K |
| R491 | 10K |
| R492 | 10K |
| R493 | 2.2K |
| R494 | 10K |
| R496 | 10K |
| R338 | 2.2K |
| R472 | 1M |
| | |

| | |
|------|-----------|
| C301 | 0.047/C * |
| C304 | 0.001/B |
| C305 | 0.01/Y |
| C308 | 180P/B |
| C309 | 0.039/C * |
| C312 | 100P/CG * |
| C313 | 15P/CH |
| C314 | 220P/CG * |
| C315 | 2P/CH |
| C316 | 68P/CG * |
| C317 | 0.001/B |
| C318 | 0.01/Y |
| C321 | 0.047/C * |
| C322 | 0.001/B |
| C323 | 0.01/Y |

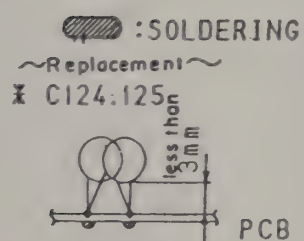
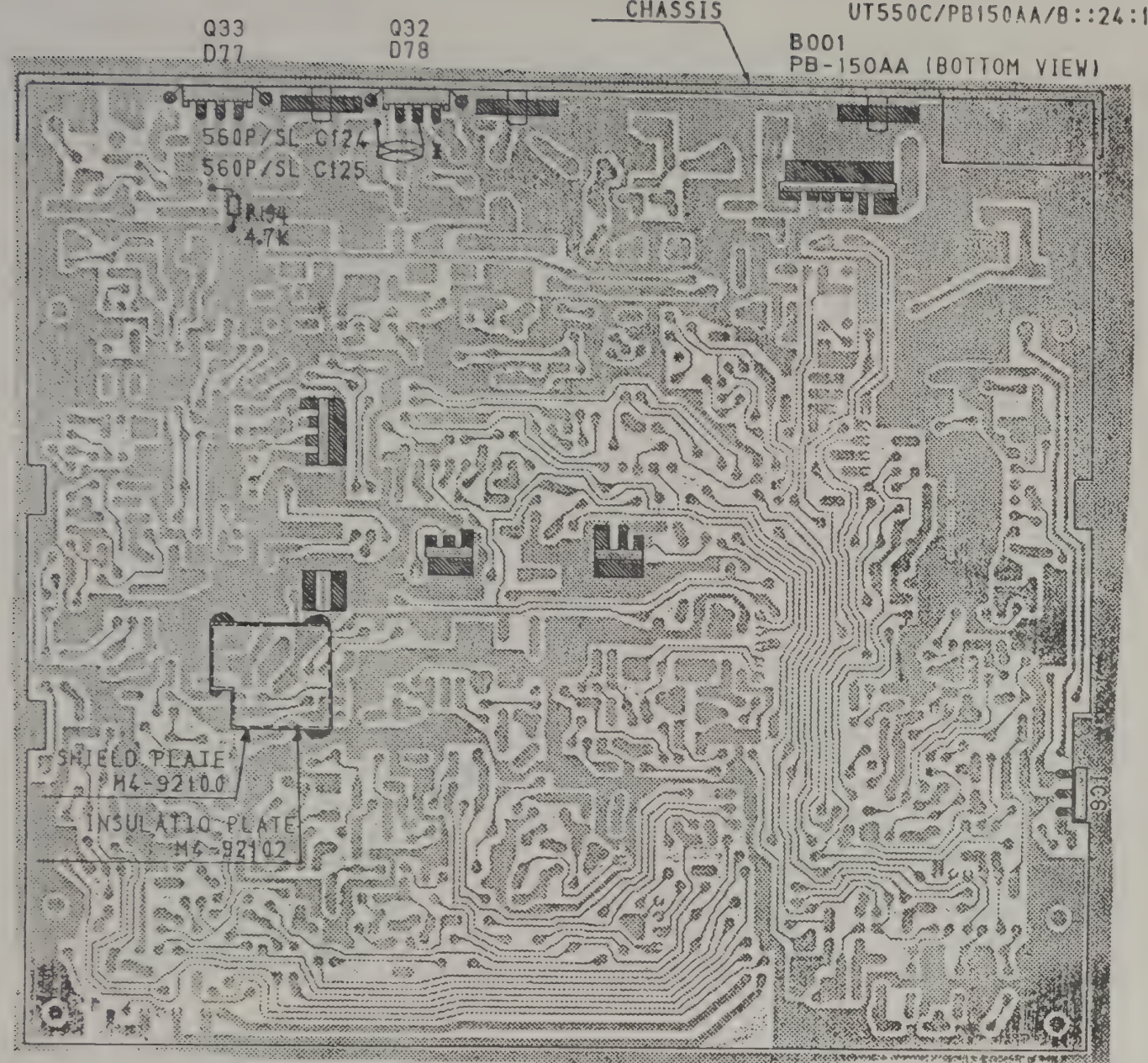
| | |
|------|-----------|
| C324 | 56P/SL |
| C325 | 0.001/B |
| C326 | 9P/SL |
| C327 | 22P/SL |
| C328 | 39P/SL |
| C329 | 6P/SL |
| C330 | 390P/B |
| C331 | 18P/SL |
| C332 | 0.01/Y |
| C333 | 150P/B |
| C334 | 150P/B |
| C335 | 0.001/B |
| C336 | 0.001/B |
| C339 | 0.047/C * |
| C340 | 22P/SL |
| C345 | 15P/SL |
| C346 | 8P/SL |
| C347 | 15P/SL |
| C348 | 0.001/B |
| C349 | 100P/B |
| C351 | 100P/B |
| C352 | 0.047/C * |
| C353 | 0.001/B |
| C354 | 0.001/B |
| C355 | 0.047/C * |
| C356 | 0.001/B |
| C357 | 0.001/B |
| C358 | 150P/CG * |
| C359 | 390P/CG * |
| C360 | 5P/CH |
| C361 | 12P/CH |

| | |
|------|------------|
| C362 | 100P/CG * |
| C364 | 0.001/B |
| C365 | 0.001/B |
| C366 | 0.047/C * |
| C367 | 0.001/B |
| C368 | 0.001/B |
| C369 | 39P/SL |
| C370 | 0.01/Y |
| C371 | 0.01/Y |
| C372 | 0.001/B |
| C373 | 5P/CH |
| C374 | 10P/CH |
| C376 | 0.01/Y |
| C377 | 5P/CH |
| C378 | 0.001/B |
| C379 | 33P/SL |
| C381 | 0.022/C * |
| C382 | 0.0047/C * |
| C387 | 0.022/C * |
| C391 | 0.01/Y |
| C395 | 0.01/Y |
| C396 | 47P/UJ * |
| C397 | 47P/UJ * |
| C444 | 10P/CH |
| C445 | 10P/CH |
| C446 | 0.047/C * |
| C363 | 0.01/Y |
| | |
| | |
| | |

* M/L (3216)

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

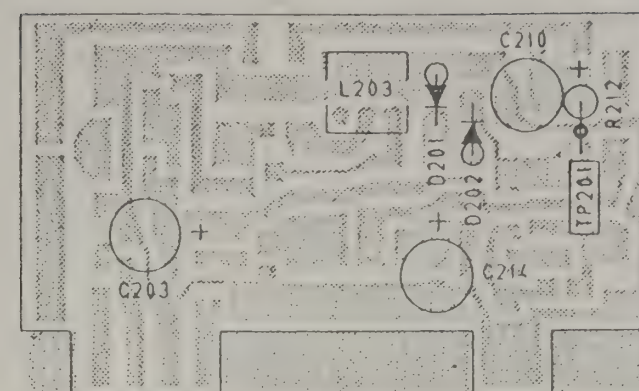
TITLE MICOM PCB
PARTS ASS'Y BOTTOM VIEW
DRAWING NO.
E23-8315



NOTES:
1. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARADS)

TITLE PARTS LAYOUT
BOTTOM VIEW
DRAWING NO.
E24-8316

B201 PB-117AB (TOP VIEW)



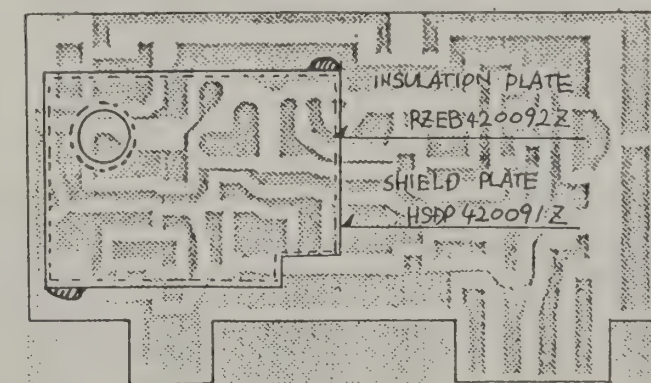
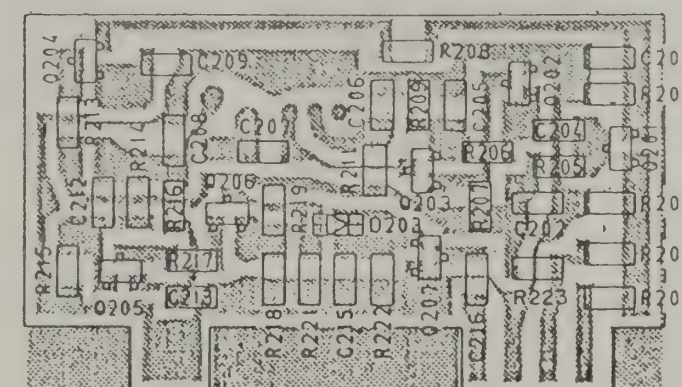
| | |
|------|---------------|
| C203 | 16V10 C-105 |
| C210 | 50V0.47 C-105 |
| C214 | 16V10 C-105 |
| | |
| | |
| | |

| | |
|------|------|
| R212 | 100K |
| | |
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| | |
|------|--------|
| D201 | 1N60AM |
| D202 | 1N60AM |
| | |
| | |
| | |
| | |

| | |
|------|-------|
| L203 | LF125 |
| | |
| | |
| | |
| | |
| | |

B201 (BOTTOM VIEW)



NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

| | |
|------|--------|
| R201 | 10K |
| R202 | 220 |
| R203 | 33K |
| R204 | 680 |
| R205 | 100 |
| R206 | 47K |
| R207 | 1.5K |
| R208 | 330 |
| R209 | 330 |
| R210 | 68 |
| R211 | R2025 |
| R212 | 10K |
| R213 | 10K |
| R214 | 470K |
| R215 | 10K |
| R216 | 3.3K |
| R217 | 330 |
| R218 | 10K |
| R219 | 3.3K |
| R220 | RZ-025 |
| R221 | |
| R222 | |
| R223 | |

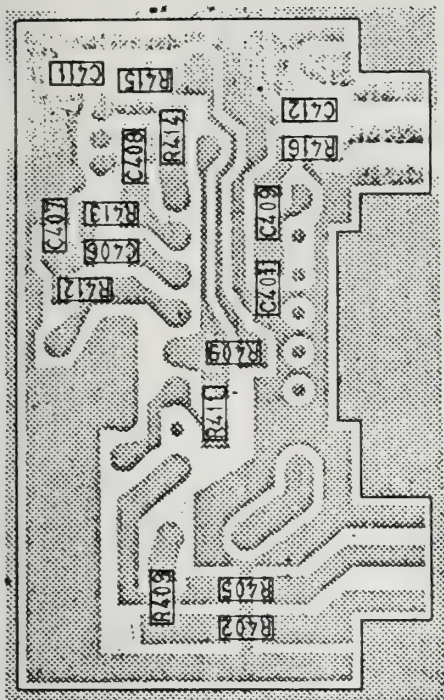
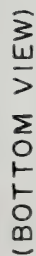
| | |
|------|---------|
| D203 | RLS4148 |
| | |
| | |
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| | |
|------|----------|
| C201 | 0.0047/X |
| C202 | 0.047/C |
| C204 | 10P/SL |
| C205 | 0.047/C |
| C206 | 0.0047/X |
| C207 | 0.001/B |
| C208 | 82P/B |
| C209 | 0.01/Y |
| C212 | 330P/B |
| C213 | 0.001/B |
| C215 | 330P/B |
| C216 | 0.01/Y |

| | |
|------|-----------|
| Q201 | 2SC2814F5 |
| Q202 | 2SC2814F5 |
| Q203 | 2SC2814F5 |
| Q204 | 2SC2812L5 |
| Q205 | 2SC2812L5 |
| Q206 | 2SA1179M6 |
| Q207 | 2SC2814F5 |

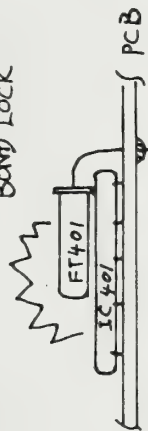
TITLE NB PCB
PARTS ASSEMBLY
E24-8317
REV. MARK

B401
PB-119AC



NOTES

BAND LOCK



| | |
|------|-------|
| R402 | RZ025 |
| R403 | RZ025 |
| R405 | 1K |
| R409 | 10 |
| R411 | 2.2K |
| R412 | 2.2K |
| R413 | 47K |
| R414 | 68K |
| R415 | 100 |
| R416 | 10K |
| | |

NOTES:

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG. OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FRAD)

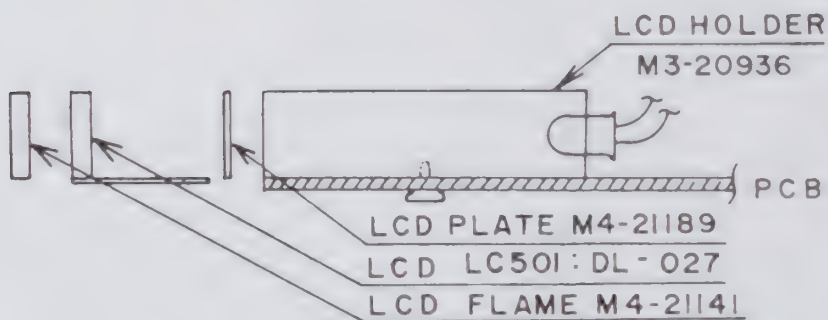
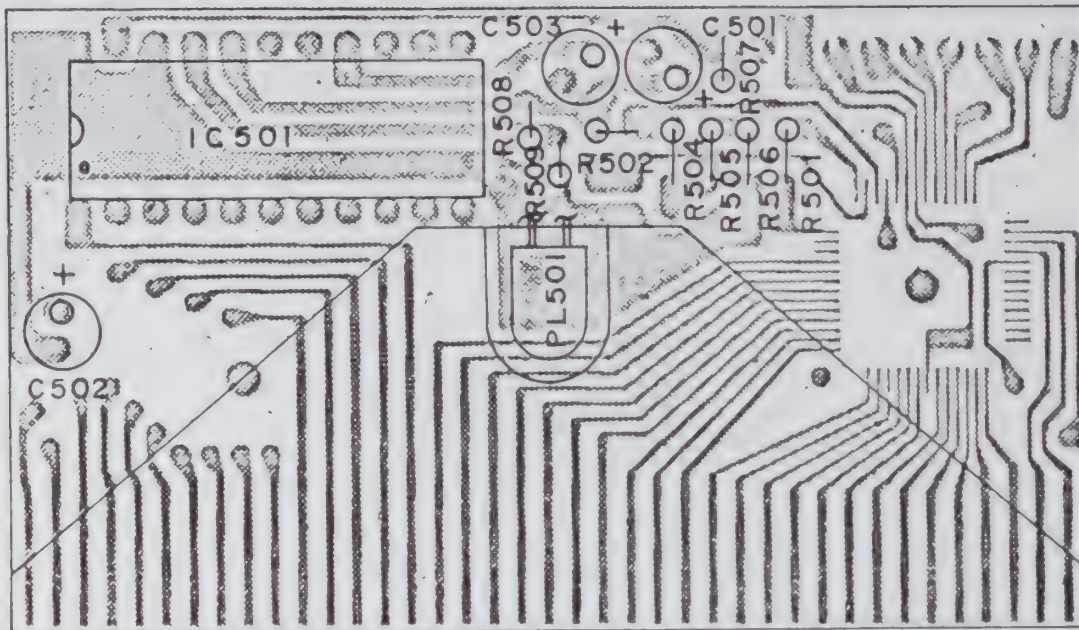
TITLE

FM PCB PARTS ASSEMBLY

DRAWING NO.

DRAWING NO.
E24-8318

B501 PB-112AA (TOP VIEW)



| | |
|-------|--------|
| IC501 | 1R2429 |
| | |
| | |

| | |
|------|------|
| R501 | 220K |
| R502 | 10K |
| R504 | 10K |
| R505 | 10K |
| R506 | 27K |
| R507 | 56 |
| R508 | 47K |
| R509 | 10K |
| | |
| | |

| | |
|-------|--------|
| LC501 | DL-027 |
| | |
| | |

| | |
|------|--------------|
| C501 | 50V 4.7 |
| C502 | 50V 3.3C-105 |
| C503 | 6.3V 100 |
| | |
| | |

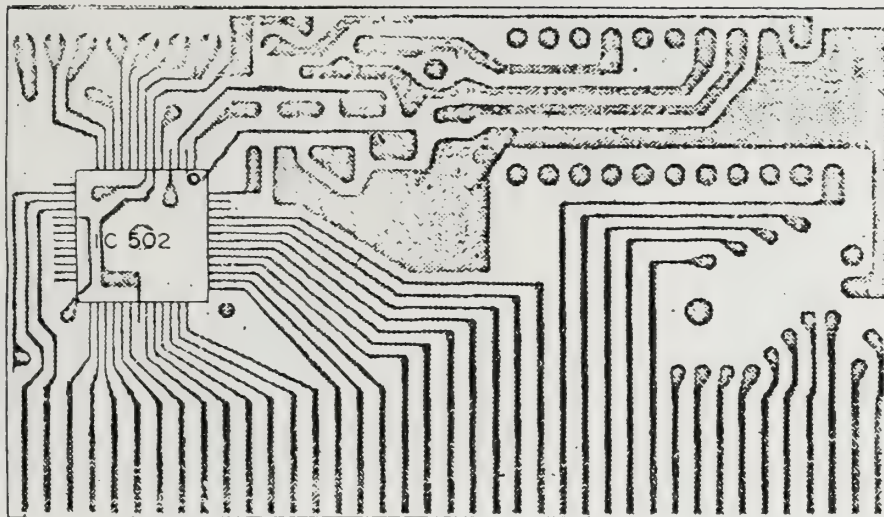
| | |
|-------|-------|
| PL501 | PL105 |
| | |
| | |

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM)
2. RESISTOR WATTAGES ARE 1/6W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED.

| | |
|--------------------|-----|
| TITLE LCD PCB(TOP) | |
| PARTS ASSEMBLY | |
| DRAWING NO | REV |
| E 24-8319 | 1 |

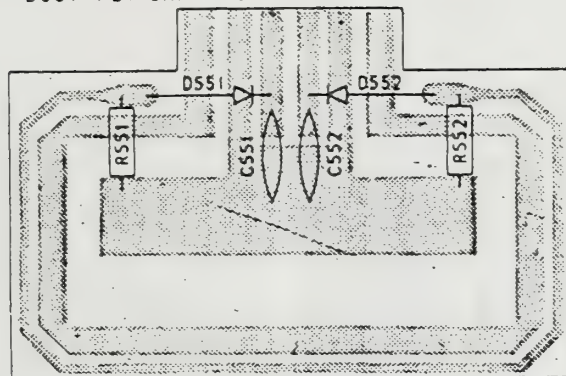
B501 PB-112AA (BOTTOM VIEW)



| | |
|-------|----------|
| IC502 | LH5008TP |
| | |
| | |

| | |
|------------------------|------------|
| TITLE LCD PCB (BOTTOM) | |
| PARTS ASSEMBLY | |
| DRAWING NO. | REV. MARK. |
| E24-8320 | |

B551 PB118AA (TOP VIEW)



| | |
|------|-----|
| R551 | 220 |
| R552 | 150 |
| | |
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| | |

| | |
|------|------|
| C551 | 0.01 |
| C552 | 0.01 |
| | |
| | |
| | |
| | |
| | |
| | |

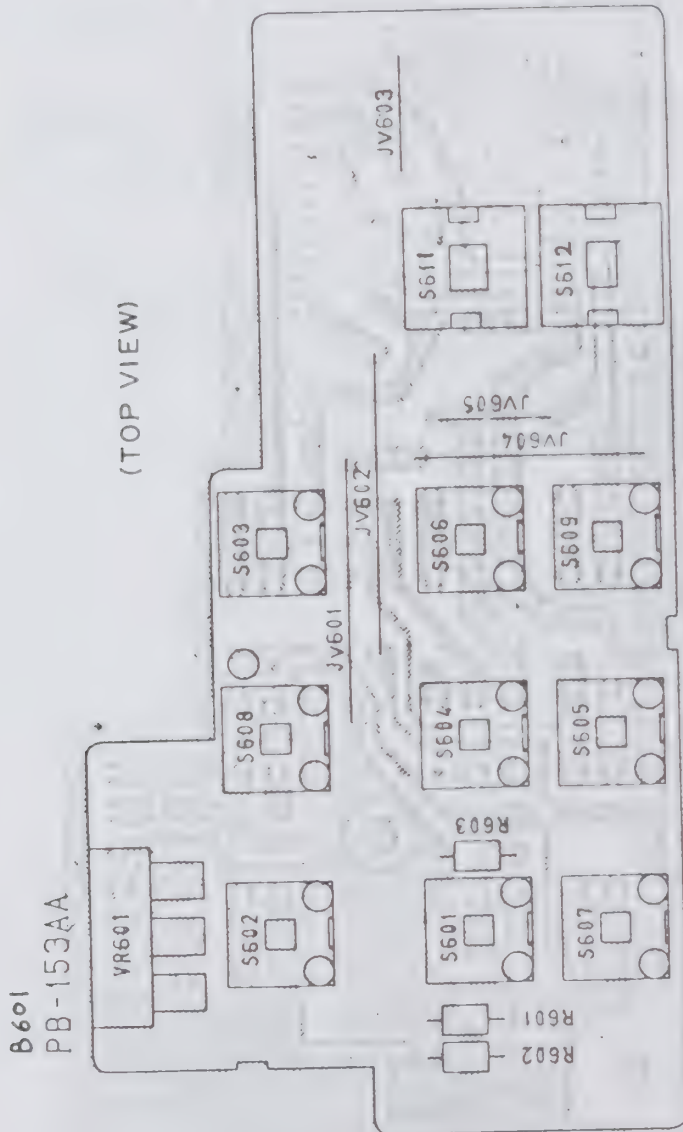
| | |
|------|---------|
| D551 | 1N60 AM |
| D552 | 1N60 AM |
| | |
| | |
| | |
| | |
| | |
| | |

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/6W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARAD UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE YF UNLESS OTHERWISE NOTED.

| | |
|-------------------------|------------|
| TITLE SWR PCB | |
| PARTS ASSEMBLY TOP VIEW | |
| E24-8321 | REV. MARK. |

UT550C/PB153AA::24:1



| | | | |
|------|-------|------|-----|
| S601 | SW549 | R601 | 47 |
| S602 | SW549 | R602 | 150 |
| S603 | SW629 | R603 | 47 |
| S604 | SW629 | | |
| S605 | SW629 | | |
| S606 | SW629 | | |
| S607 | SW549 | | |
| S608 | SW549 | | |
| S609 | SW549 | | |
| S611 | SW560 | | |
| S612 | SW560 | | |

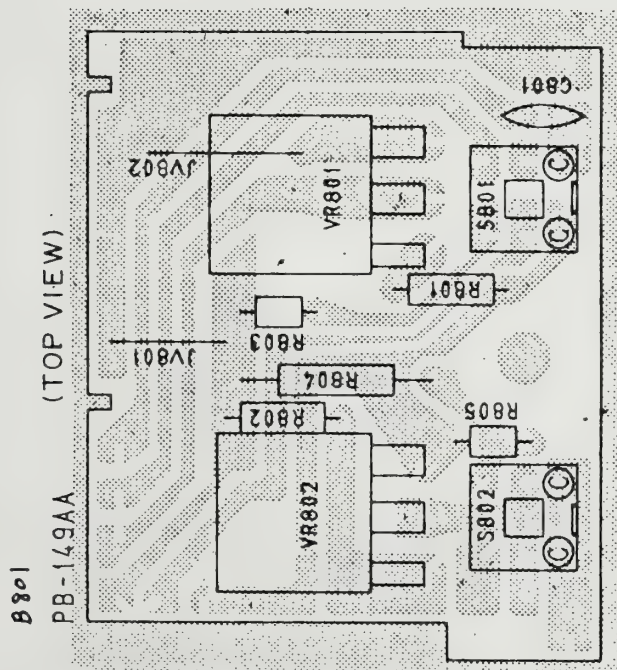
| | |
|-------|--------|
| JV601 | 17.5mm |
| JV602 | 20mm |
| JV603 | 7.5mm |
| JV604 | 15mm |
| JV605 | 7.5mm |

| | |
|-------|----------|
| VR601 | 1/4W 5KB |
|-------|----------|

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K-KILO OHM, M-MEG OHM)
2. RESISTOR WATTAGES ARE 1/6W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)

| | |
|-------------------------|----------|
| TITLE | SW PCB |
| PARTS ASSEMBLY TOP VIEW | |
| DRAWING NO. | E24-8322 |



| | | | |
|------|------|------|-------|
| R801 | 2.2K | S801 | SW549 |
| R802 | 1K | S802 | SW549 |
| R803 | 1K | | |
| R804 | 5.6K | | |
| R805 | 4.7K | | |
| | | | |

| | |
|-------|------------|
| VR801 | RV652 1KB |
| VR802 | RV679 10KB |
| | |
| | |

| | | | |
|------|-----------|-------|-------|
| C801 | 0.022(SR) | JV801 | 7.5mm |
| | | JV802 | 10mm |
| | | | |
| | | | |

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR WATTAGES ARE 1/6W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

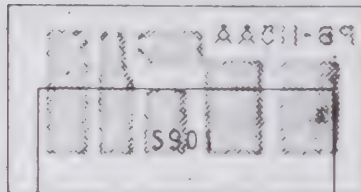
| | |
|-------------------------|----------|
| TITLE | RIT PCB |
| PARTS ASSEMBLY TOP VIEW | |
| DRAWING NO. | E24-8323 |

B701 PB-114AB (SQ PCB)



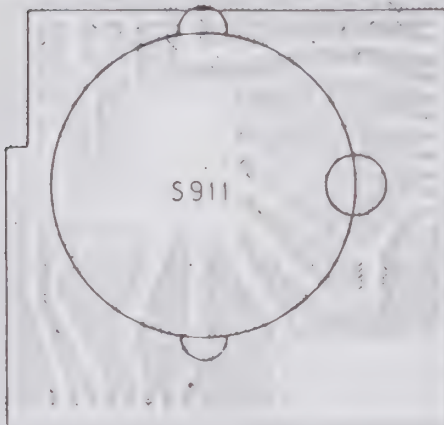
| | |
|-------|------------|
| VR701 | RV677 50KA |
| VR702 | RV678 50KB |
| | |
| | |
| | |

B901 PB-115AA (CH SW PCB)



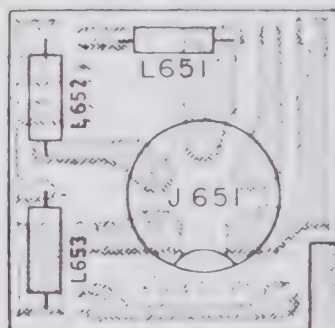
| | |
|------|-------|
| S901 | SR404 |
| | |
| | |
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| | |

B911 PB-116BA (MODE SW PCB)



| | |
|------|-------|
| S911 | SR405 |
| | |
| | |
| | |
| | |

B651 PB 126AB (MIC PCB)

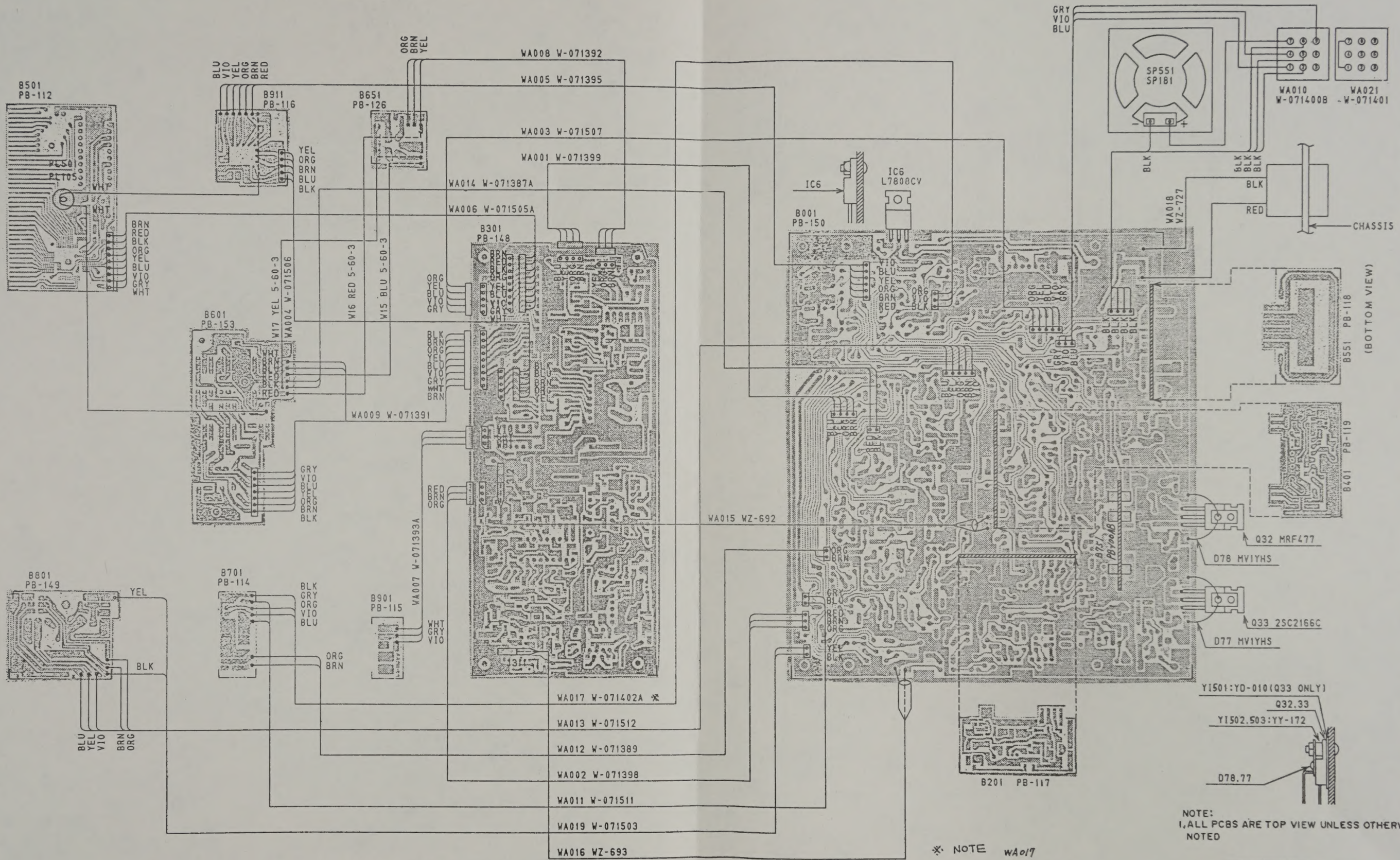


| | |
|-------|-------------------|
| J 651 | JK191 |
| L 651 | LZ051 470 μ H |
| L 652 | LZ051 470 μ H |
| L 653 | LZ051 470 μ H |

NOTE:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILLO OHM. M=MEG OHM)

| | | |
|----------------------------------|--|--------------|
| TITLE PARTS ASSEMBLY TOP VIEW | | REV. MARK |
| E24-8324 | | |

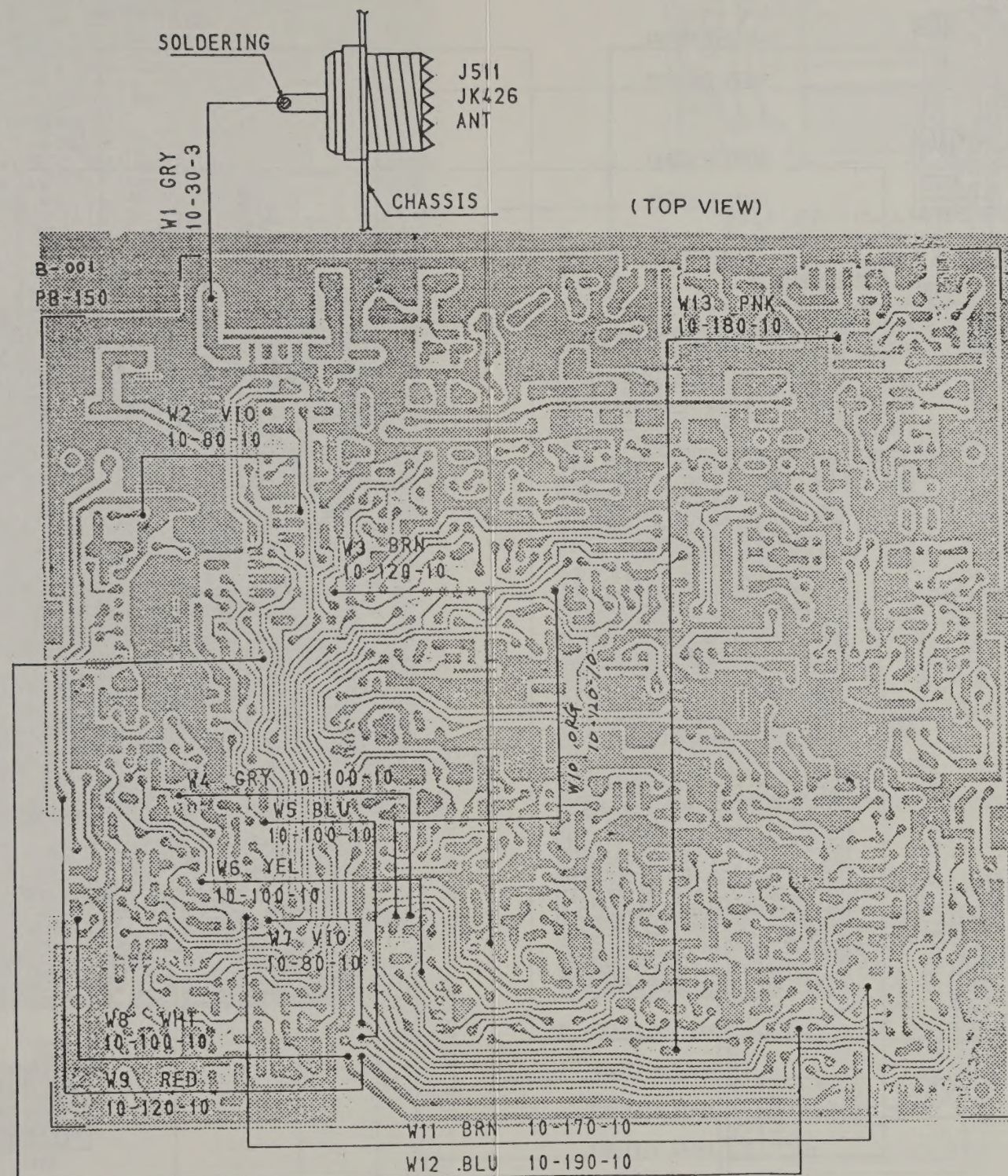


NOTE:
1. ALL PCBs ARE TOP VIEW UNLESS OTHERWISE
NOTED

* NOTE WA017
TWIST

TITLE
WIRING DIAGRAM
DRAWING NO.
E32-3078

UT550C/WIR.2/2::24:1
7WIR



| |
|----------------|
| TITLE |
| WIRING DIAGRAM |
| DRAWING NO. |
| E 33-3079 |

